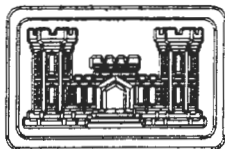


U.S. ARMY ENGINEER DIVISION
HUNTSVILLE, ALABAMA

00200



FINAL

INVESTIGATION OF ENVIRONMENTAL BASELINE
SURVEY NON-EVALUATED SITES
SEAD-199A, SEAD-122(A,B,C,D,E), AND SEAD-123(A,B,C,D,E,F)
SEAD-46, SEAD-68, AND SEAD-120(A,B,C,D,E,F,G,H,I,J)
SEAD-121(A,B,C,D,E,F,G,H,I,
SENECA ARMY DEPOT ACTIVITY

CONTRACT # DACA87-95-D-0031
DELIVERY ORDER #0010

FEBRUARY 1999

Investigation of
Environmental Baseline Survey
Non-Evaluated Sites
SEAD-119 (A), SEAD-122 (A,B,C,D,E), SEAD-123 (A,B,C,D,E,F),
SEAD-46, SEAD-68, SEAD-120 (A,B,C,D,E,F,G,H,I,J), and
SEAD-121 (A,B,C,D,E,F,G,H,I)

at
Seneca Army Depot Activity
Romulus, New York 01454

FEBRUARY, 1999

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B	Test Pit Logs
C	Well Construction Diagrams
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**Investigation of Environmental Baseline Survey
Non-Evaluated Sites
Acronym List**

AOC	Area Of Concern
BRAC	Base Realignment and Closure Commission
CRDL	Contract Required Detection Limit
DRMO	Defense reutilization and Marketing Office
EBS	Environmental Baseline Survey
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
EM	Electromagnetic
FOST/FOSL	Finding of Suitability to Transfer/Finding of Suitability to Lease
LRA	Land Reuse Authority
MP	Military Police
NYSDEC	New York State
OVM	Organic Vapor Meter
PAOC	Possible Area of Concern
PRG	Preliminary Remediation Goal
SCG	Soil Cleanup Guidance
SEAD	Seneca Army Depot
SEDA	Seneca Army Depot Activity
SMWU	Solid Waste Management Unit
STARS	Spill Technology and Remediation Service
TAGM	Technical Administrative Guidance Memorandum
UST	Underground Storage Tank
UXO	Unexploded Ordinance
XRF	X-ray Fluorescence

1.0 INTRODUCTION

1.1 Seneca Army Depot Activity

Seneca Army Depot Activity (SEDA) is a U.S. Army facility located in Seneca County, New York. The Depot occupies approximately 10,600 acres. It is bounded on the east by Route 96 and on the west by Route 96A. Most of the surrounding land is used for farming.

Construction at SEDA began in 1941. Its mission included reception, storage, and distribution of ammunition and explosives, GSA and strategic materials and Office of Civil Defense engineering equipment. It also included providing receipt, storage and issue of items that supported special weapons activity and performance of depot-level maintenance, demilitarization and surveillance on conventional ammunition and special weapons.

1.2 BRAC and Environmental Baseline Survey

SEDA was included on the Federal Facilities National Priorities List on July 13, 1989. In March 1995, the Base Realignment and Closure Commission (BRAC) submitted its recommendation that SEAD be selected for closure. This recommendation was subsequently approved in 1996. The Base Realignment and Closure Act requires environmental issues to be investigated, pursuant to CERCLA.

An Environmental Baseline Survey Report (Woodward Clyde, 1996a) was prepared for SEDA. The EBS classified discrete areas of real property associated with the Depot, which are subject to transfer or lease, into standard environmental condition of property types. The determination that a specific property is environmentally suitable for transfer or lease is established under the FOST/FOSL guidance.

As part of continuing work after the completion of the EBS, additional sampling and analyses was necessary at selected non-evaluated sites at SEDA to determine their environmental condition. Most of the non-evaluated sites were initially identified in the EBS, however, some sites were added to the list to be evaluated because of rumor or speculation that a release(s) had occurred. The Land Reuse Authority (LRA) identified "SEAD" areas 119, 122, and 123 as priority status, "SEAD" areas 46, 68, and 120 as moderate priority status, and "SEAD" area 121 as low priority status, based on the need for transfer or lease of each area. Most of the "SEAD" area designations are actually composed of several individual sites, which are designated by sequential letters of the alphabet (e.g., SEAD-122A, -122B, -122C, -122D, and -122E). The 33 Non-Evaluated EBS sites, whose locations within the Depot are shown on Figures 1-1 through 1-3, are listed in Table 1-1 (on the following page).

1.3 Technical Approach for Investigation of Non-Evaluated EBS Sites

The process by which the sites within these three areas were investigated is diagrammed in the Seneca Army Depot Decision Criteria Flow Chart (Figure 1-4). This flow chart provides the overall guidance for investigating and remediating sites at SEDA. The limited sampling and analyses was designed to provide initial data so that an impact analysis could be performed. The impact analysis involved a comparison to applicable NYSDEC standard/criteria or guidance (SCG) (Soil: TAGMs; Groundwater: GA; Sediment: Benthic Aquatic Life/Human Health). If the SCGs were exceeded, then a comparison to Preliminary Remediation Goals (PRG)s was performed. The type of PRG values used was based on the intended use of the property, which

was established in the EBS. At SEAD-122 (A,B,C,D,E) and SEAD-120 (A,B,C,D,E,F,G,H,I,J), "Recreational PRGs" were used. At SEAD-123 (A,B,C,D,E,F) and SEAD-121G, "Residential PRGs" were used. At SEAD-121 (B,C,D,E,F,H), "Industrial PRGs" were used. Note that no samples were collected at SEAD-119, SEAD-46, or SEAD-121A. Drinking Water (DW) PRGs were used for groundwater.

The samples were collected in source areas that were believed to have been most impacted (i.e., had the highest chemical concentrations) compared to other locations within the site. The evaluation at each site included collecting a limited amount of soil, sediment and/or groundwater data, as appropriate, to provide a basis of determining if the site has been environmentally impacted. Since many of these sites involved rumors, with no analytical data to support further evaluation, limited, but representative, data collection was deemed appropriate at these sites.

**Table 1-1
Non-Evaluated EBS Sites**

Number	SEAD Area Designation	Description	EBS Site Number
1	SEAD 119A	Building 2409 Sewage Spill	54(6)HR(P)
2	SEAD 122A	Skeet/Trap Range	115Q-X
3	SEAD 122B	Building 2302 Small Arms Range	114Q-X
4	SEAD 122C	Near Building 2311 Conex with Unknown Contents	107(7)
5	SEAD 122D	Hot Pad Spill	56(6)PR
6	SEAD 122E	Deicing Planes	6(2)PS, 7(2)PS, 8(2)PS
7	SEAD 123A	Building 744 Indoor Firing Range	125Q-X
8	SEAD 123B	Building 716 and 717 Petroleum Releases	102(6)PS/PR(P)
9	SEAD 123C	Building 747 HM Spills	100(6)PS/PR/HS/HR
10	SEAD 123D	Area West of Building 715	113(7)
11	SEAD 123E	Rumored DDT Burial at Ice Rink	Rumor
12	SEAD 123F	Mound North of Post 3	Rumor

13	SEAD 46	Small Arms Range	122Q-X
14	SEAD 68	Old Pest Control Shop (Building S-335)	108(7)HS(P)/HR(P)
15	SEAD 120A	50 Area Dumping Areas	56(6)PS/PR/HR
16	SEAD 120B	Ovid Road Small Arms Range	119Q-X
17	SEAD 120C	Building 813-817 Paints and Solvents Disposal Areas	98(6)PS/HS/HR
18	SEAD 120D	MP Refueling Island in the Q	99(6)PS/HR
19	SEAD120E	Near Building 2131, Possible DDT Disposal	106(6)HR
20	SEAD 120F	Munitions Burial Sites, South End of the Main Depot	117Q-X
21	SEAD 120G	Mounds at the Duck Pond	109(7), 110(7), 111(7), and 112(7)
22	SEAD 120H	Building 810	98(6)PS/HS/HR
23	SEAD 120I	Building 819, A0101, and A0102	98(6)PS/HS/HR
24	SEAD 120J	Farmer's Dump	Rumor
25	SEAD 121A	USCG Halon Discharge	44(3)HR
26	SEAD 121B	Building 325 PCB Oil Spill	
27	SEAD 121C	DRMO Yard	
28	SEAD 121D	Building 306 and 308 Hazardous Materials Release	
29	SEAD 121E	Building 127 UST Petroleum Release	
30	SEAD 121F	Building 135 Stained Oil	
31	SEAD 121G	Rumored Coal Ash Disposal Area	

32	SEAD 121H	Rumored Coal Disposal Area	
33	SEAD 121I	Rumored Cosmoline Oil Disposal Area	

Possible outcomes of the limited sampling and analyses program Impact Analysis, as indicated on Figure 1-4, are as follows:

1. Concentrations of constituents of concern are below the NYSDEC SCG (e.g., TAGMs), suggesting that the site has not affected the environment. The site will be designated as a “no further action” site with no reuse restrictions.
2. Concentrations of constituents of concern were above NYSDEC SCG (e.g., TAGMs), therefore, comparisons to PRGs are necessary. If concentrations are less than PRGs, but greater than TAGMs then additional sampling (possibly via an ESI) will be performed. If the concentrations exceed the PRGs, then a Hot Spot Analysis will be performed; this analysis will likely include additional sampling as well.

In addition, where the significance of the environmental impact is not definitive based strictly on the analytical data comparisons, professional judgment will be used to develop the final recommendations. Thus, in some instances slight exceedance of a TAGM does not automatically result in a recommendation for further investigation at the site.

The sections that describe the sites provide a summary of the investigation fieldwork and analytical results for each of the 33 Non-Evaluated EBS sites. The tables and figures are presented at the end of the text sections for clarity. Note that the analytical data tables present comparisons to both SCGs (e.g., TAGMs) and PRGs, where applicable. The results of these comparisons are presented in “bold and shade” format (i.e., the exceedences are bolded and shaded in the tables).

1.4 Field Investigation Methods

The field investigations were performed using the methods outlined in the Generic Installation Remedial Investigation/Feasibility Study Work Plan (Parsons, 1995). Specific notes regarding selected field investigation methods/procedures, which are not specifically covered in the Generic Workplan, are presented below.

The temporary wells were installed according to the permanent unconfined well installation methods outlined the Generic Workplan, except that no permanent surface completion was performed. The wells were decommissioned shortly after the groundwater sampling was performed using the “Casing Pulling” method outlined in “Groundwater Monitoring Well Decommissioning Procedures” (NYSDEC, 1996). Immediately after installation, the wells were purged of at least one borehole volume. On the following day, ground water samples were collected after at least one well casing volume had been purged from the well.

The analytical data included in this report has not been validated, but it will be validated in the near future, and the results/recommendations updated appropriately.

2.0 SEAD-119A - Building 2409 Sewage Spill

2.1 Site Information

This parcel is associated with a lift station located by Building 2409, which is a former pump house presently used for dry storage (Figure 2-1). A raw sewage release was observed on the east side of this building during the 1995 EBS visual inspection. The pump station receives wastes from multiple sources.

2.2 Summary of Investigation

No field sampling was performed at the site, because it was not considered necessary. Instead a review of the sewers systems specifications and sources was performed to demonstrate that there are no likely sources of hazardous substances that discharge waste into the lift (pump) station near Building 2409.

According to a General Sanitary Sewer Map of the Seneca Army Depot, there are nine buildings located along the small looping section of sanitary sewer pipe near Colonel Drive. The sanitary sewer pipe on Colonel Drive is the sole source for sewage discharge to the pump station near Building 2409 (Figure 2-1). The nine buildings include houses, garages and a dry storage area, and there is no reason to suspect that hazardous substances were discharged from them; there was no industrial use in this area. The building uses are as follows:

- Family Housing: 2401, 2403, 2404, 2406, and 2408
- Family Housing Garages (no sewer connection): S2402, S-2405, and S-2407
- Dry Storage Area (former pump house): 2409

The sewage from the residential houses is collected in 6-inch polyvinyl chloride (PVC) and bituminous non-perforated fiber pipe. Sewage waste collected at the pump station is pumped in a 1 1/2-inch PVC force main over Kendaia Creek and along East Lake Road, and eventually it discharges to the Seneca County District No. 1 Treatment Plant to the south.

Recommendation: Based on the additional information presented above, SEAD-119A should not be identified as a SWMU/PAOC and the final site classification should indicate that no further action is required and there are no reuse restrictions at this site.

3.0 SEAD-122A - Skeet/Trap Range

3.1 Site Information

This parcel is associated with a former trap/skeet range located to the east of Building 2301 at the Airfield (Figure 3-1). This area was identified in a visual inspection and interview during the 1995 EBS.

The purpose of the investigation was to determine if surface soils have been impacted by the activities at the skeet shooting range. The constituent of concern is lead in soil.

3.2 Summary of Investigation

The skeet shooting area is behind brick farm house near the entrance to the air field (Figure 3-1). The entrance to skeet range is through a 4 foot high chain-link fence. A network of narrow asphalt walkways lead to five shooting stations that face an open field. A building that was used to launch clay pigeons is located approximately 25 feet north of the shooting stations. Two 20-foot tall buildings on either side of the shooting stations are used for launching targets. An area of clay target fragments and slightly stressed vegetation was observed approximately 200 feet downrange from the shooting stations, which indicated that this was the downrange distance where many of clay targets were hit by the shot.

A total of five surface soil samples were collected at downrange locations at the skeet/trap shooting range (Figure 3-1). The samples were collected at distances of 125 feet, 175 feet, 200 feet, 250 feet and 300 feet from the shooting stations; the 200-foot sample was in the area that contained a concentration of clay target fragments. The rationale for selecting the sample locations is provided in Table 3-1.

The results of the laboratory analyses are presented in Tables 3-2 and 3-3. These results were compared to the NYSDEC TAGM for lead. The results of the comparisons are given below.

Comparison to TAGM:

- Three of the five samples had concentrations that exceed the NYSDEC TAGM for lead, which is 24.4 mg/Kg, however many of these concentrations only slightly exceeded the TAGM and are likely due to natural variation in the concentration in the soil. These samples had lead concentrations that were less than two times the TAGM. The highest concentration (143 mg/Kg), which was found in the 250-foot downrange sample (SS122A-4), is approximately six times greater than the TAGM.

Comparison to Recreational PRG:

- No Recreational PRG has been established for lead, although the site maximum value of 143 mg/Kg) is significantly below the agreed upon screening level of 400 mg/Kg for residential land use established by the EPA memorandum, "Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities" (9355.4-12, EPA/540/F-94/043, PB94-963282, August 1994).

Recommendation: Based on professional judgment it is recommended that final actions for SEAD-122A, as outlined under Decision No. B in the Decision Criteria Flowchart, include: 1) a no action SMWU designation on all applicable permits and 2) that regulators be notified by SEAD that the site will be designated as no further action with no reuse restrictions.

4.0 SEAD-122B - Building 2302 Small Arms Range

4.1 Site Information

This parcel is associated with a firing range located in the area to the east of Building 2302 at the Airfield. This area was identified in a visual inspection and interview during the 1995 EBS.

The purpose of the investigation was to determine if surface soils have been impacted by the activities at the small arms firing range. The constituents of concern are metals in soil.

4.2 Investigation Summary

The site is comprised of a two adjacent small arms ranges (Range 1 and Range 2) (Figure 4-1). Range 1 has a concrete platform with 22 numbered shooting stations and a roof. A 3-sided berm, composed of dirt, encompasses the downrange area, which has rows of target mounting frames. The sides of the berm extend to the front edge of the shooting platform. Range 2 has only two shooting stations and it is smaller than Range 1. Its downrange area is also enclosed by a 3-sided berm. The shooting lanes are enclosed by concrete piping to prevent shooting above the berm (i.e., backstop).

A total of five surface soil samples were collected at downrange locations at the small arms range (Figure 4-1). The samples were collected at locations immediately downrange and in locations that were believed to be impact points for the shots. The rationale for selecting the sample locations is provided in Table 4-1.

The results of the laboratory analyses are presented in Tables 4-2 and 4-3. These results were compared to NYSDEC TAGMs and Recreational PRGs. The results of the comparisons are given below.

Comparison to TAGMs:

- Seven metals exceeded their respective TAGMs, however, some exceedences were more significant than others. Copper and lead were the only metals that were found at concentrations that exceeded their TAGMs in all five samples. The maximum concentrations of these metals exceeded their TAGMs by 15 times and 1,962 times, respectively. Less prevalent metals included silver, arsenic and antimony, which were found to exceed their TAGMs in two to three samples. Lastly, four metals (chromium, cyanide, magnesium, and zinc) exceeded their TAGMs in only one sample, and the exceedences were between 1.1 times and 3 times).

Comparison to Recreational PRGs:

- Only one metal exceeded its Recreational PRG. The metal was arsenic and it exceeded its PRG by 2.5 times. None of the other metals concentrations exceeded their respective Recreational PRG values.
- There is no Recreational PRG for lead, although in four of the five samples lead exceeded the agreed upon screening level of 400 mg/Kg for residential land use.

Recommendation: Based on professional judgment, and as indicated at Decision No. D in the Decision Criteria Flowchart, it is recommend that additional surface soil sampling be performed to determine the extent of the impacts from metals (particularly copper, lead, antimony, and

arsenic) at SEAD-122D, the Small Arms Range. At this time, there are an insufficient number of data points to perform a Mini Risk Assessment.

5.0 SEAD-122C - Near Building 2311 Conex with Unknown Contents

5.1 Site Information

This parcel is associated with a vented conex near Building 2311 (Figure 5-1). This conex was observed during the 1995 EBS visual inspection, however, the contents of this conex was unknown at the time and, therefore, an accurate category designation could not be determined.

5.2 Investigation Summary

No field sampling was performed at the site, because it was not considered necessary. Instead a visual site inspection of the interior of the conex was performed to determine if there are likely sources of hazardous substances within the conex.

The inspection of the interior of the six foot by ten foot conex, which is vented at the top, revealed that it contained shooting targets (e.g., human profiles and bulls eyes) for use at the Small Arms Range. It also contained 30 to 40 sheets of plywood of various sizes for making targets. No containers were observed within the conex. No evidence of oil or hazardous materials storage or spills were observed. Reading of organic vapors using an OVM were at background concentrations within the conex during the inspection.

Recommendation: Based on the additional information presented above, SEAD-122C should not be identified as a SWMU/PAOC and the final site classification should indicate that no further action is required and there are no reuse restrictions at this site.

6.0 SEAD-122D - Hot Pad Spill

6.1 Site Information

This parcel is the site of a JP-4 spill that occurred in 1990 and was revealed during an interview (Figure 6-1). The incident occurred on the "hot pad" located about 880 feet west of Building 2312. The spill involved more than 50 gallons of fuel, which ran off the pad into the grass. No records indicate that the spill was cleaned up.

The purpose of the investigation was to determine if surface soils on the perimeter of the pad have been impacted by the JP-4 fuel oil spill. The constituents of concern are volatile organics, semivolatile organics, and TPH in soil.

6.2 Investigation Summary

This area is comprised of an approximately 600-foot by 60-foot rectangular concrete pad located at the southern end of the SEDA airfield. The pad is bounded on the north, east and south by grass; an small asphalt roadway connects to the southern end of the pad. On the west side is a 400-foot by 400-foot grassy area with a central drainage area. Asphalt taxiways on the northern and southern sides of this square grassy area provide access to the refueling pad from the runway.

A total of four soil samples were collected from two soil borings at the Hot Pad Spill area (Figure 6-1). The soil borings were located in low areas on the downgradient (western) side of the concrete pad, which are likely to receive run-off if a spill occurred while a plane was being refueled on the concrete pad. The rationale for selecting the two sample locations is provided in Table 6-1.

The results of the laboratory analyses are presented in Tables 6-2 through 6-5. These results were compared to NYSDEC TAGMs and Recreational PRGs. The results of the comparisons are given below.

Comparison to TAGMs:

- None of the volatile compounds exceeded their respective TAGMs. Acetone and toluene were detected in a few of the samples but at concentrations well below their TAGMs.
- None of the semivolatile organic compounds exceeded their TAGMs. The semivolatile compounds found included mostly phthalates, which were found in all of the samples, and eight PAH compounds, which were found in only one sample (SB122D-2).
- Sample SB122D-2 also contained a TPH concentration of 108 mg/Kg, but there is no TAGM for TPH. No TPH were found in the other samples.

Comparison to Recreational PRGs:

- None of the concentrations of volatile organics, semivolatile organics, exceeded their respective Recreational PRGs.

Recommendation: Based on professional judgment, it is recommended that final actions for SEAD-122D, as outlined under Decision No. B in the Decision Criteria Flowchart, include: 1) a no action SMWU designation on all applicable permits and 2) that regulators be notified by SEAD that the site will be designated as no further action with no reuse restrictions.

7.0 SEAD-122E - Deicing Planes

7.1 Site Information

This parcel is associated with the deicing of planes at three separate aircraft refueling areas in the airfield (Figure 7-1). Two of the refueling areas are located near the ends (west side) of the northwest-southeast runway (they are both labeled "aircraft refueling"), and the third is located at the end of a short taxi way west of the central portion of the runway (it is labeled "aircraft parking and refueling").

The purpose of the investigation was to determine if soils or groundwater on the perimeter of the three pads have been impacted by the deicing fluids used on the planes. The constituents of concern are semivolatile organics and principal components of deicing fluids (alcohols/glycols, i.e., ethylene glycol, propylene glycol, total unknown alkanes) in soil and groundwater.

7.2 Investigation Summary

This area is comprised of a three separate aircraft refueling/deicing areas. The areas are located along the length of the airfield. For ease of reference, these asphalt aircraft refueling platforms will be referred to as North, South, and Central, based on their relative position in the airfield (Figure 7-1).

Two soil samples were collected from a soil boring performed at the edge of each of the three aircraft/deicing areas (Figure 7-1). Each soil boring was located in the lowest area on the edge of the asphalt pad, which was likely to have received run-off during the aircraft deicing activities. The rationale for selecting the boring locations is provided in Table 7-1. Also, a temporary monitoring well was installed in each of the three borings so that a groundwater sample could be collected.

The results of the laboratory analyses are presented in Tables 7-2 through 7-5. These results were compared to NYSDEC TAGMs and Recreational PRGs. The results of the comparisons are given below.

Comparison to TAGMs and GA Standards:

- Seven semivolatile organic compounds exceeded their respective TAGMs in soil. These semivolatile compounds included mostly PAHs and one phthalate compound. Most of these exceedences occurred in the surface soil samples at the south area (SB122E-1) and the central area (SB122E-2), however, at the latter area, the number and magnitude of the exceedences in the surface soil sample were greater for all compounds. The greatest magnitude of TAGM exceedences were for benzo(a)pyrene (138 times) and dibenz(a,h)anthracene (136 times), which were at the central area. Only one semivolatile organic compound exceeded its TAGM at the north area (SB122E-3), but the exceedences in the two samples were only 1.1 and 1.6 times the TAGM.
- No propylene glycol or ethylene glycol was detected in the soil samples collected at this site. In soil, the estimated total concentration of unknown alkanes (\approx TPH) was greatest in the surface soil sample (SB122E-2) from the central area. There is no TAGM for total alkanes in soil.
- There were five semivolatile organic compounds detected in groundwater and they were found predominantly in the central area (MW122E-2); the other two areas contained only an estimated concentration of one phthalate compound. All of their concentrations, however, were below established NYSDEC GA groundwater standards.
- No propylene glycol or ethylene glycol was detected in the groundwater samples collected at this site. In groundwater, the estimated total concentration of unknown alkanes (\approx TPH) was greatest in MW122E-3, which is at the north area. There is no NYSDEC GA groundwater standard for total alkanes in groundwater.

Comparison to Recreational PRGs and Drinking Water PRGs:

- In soil, none of the concentrations of semivolatile organics or glycols exceeded established Recreational PRGs.

- In groundwater, one semivolatile organic compounds (hexachlorobutadiene) was found at an estimated concentration that was 2.2 times the Drinking Water PRG.

Recommendation: As indicated at Decision No. D in the Decision Criteria Flowchart, it is recommend that additional surface soil sampling to determine the extent of the impacts from semivolatile organic compounds (particularly PAHs) at the south and central pad areas at SEAD-122E. No further investigation of the north area is recommended. At this time, there are an insufficient number of data points to perform a Mini Risk Assessment at this site.

8.0 SEAD-123A - Indoor Firing Range

8.1 Site Information

This parcel is associated with Building 744 (Figure 8-1). Building 744 was a physical activities center or health club facility. Interviews conducted during the 1995 EBS revealed that a shooting range existed in the basement of the facility. These interviews also reported that the shooting range was dismantled, but no records could be found documenting the cleaning process.

8.2 Investigation Summary

No field sampling was performed at the site, because it was not considered necessary. Instead the results of an inspection and field screening program will be used to demonstrate the environmental condition of the Indoor Firing Range at Building 744.

The Firing Range at Building 744 was decommissioned in 1992, when the military ceased using the north area of the Depot for army residences and as an administration area. After the firing range was decommissioned, a visual inspection and an XRF survey for lead impacts was performed by SEDA environmental staff. The XRF detector used was a model MAP 3 spectrum analyzer manufactured by Scitec Corporation. The results of the inspection and survey described below were provide by the SEDA environmental staff. The visual inspection was conducted starting at the bullet backstop and working back to the firing line area. The air duct for both the bullet trap area and the shooting line area were inspected. No visual evidence of lead was observed. The area behind the bullet trap was inspected. In this location, small amount of bullet fragments were observed. Also, bullet fragments were observed on the metal backstop.

The XRF survey consisted of field screening of many areas and surfaces within the decommissioned range. The surfaces/areas that were screened with the XRF detector were as follows: the bullet backstop, front surfaces and backside or underneath, wall, floor and ceiling of area directly adjacent to backstop, walls, floor and ceiling at random distances from backstop to the firing line area, the duct work exiting from the backstop and the duct work exiting from the firing line area. All results showed low or no lead with the exception of the area behind the backstop where there was visual evidence of bullet fragments. These screening results from this area (i.e., the bullet fragments) showed levels of lead between 19,304 ppm and 34,646 ppm.

Recommendation: Based on the additional information presented above, the small area of bullet fragments behind the backstop (which was visible in the inspection) should be removed. Following the removal, the area behind the backstop should be resurveyed with the XRF detector to ensure that the lead has been removed. Upon completing this action, SEAD-123A should not

be identified as a SWMU/PAOC and the final site classification should indicate that no further action is required and there are no reuse restrictions at this site.

9.0 SEAD-123B - Building 716 and 717 Petroleum Releases

9.1 Site Information

This parcel is associated with Buildings 716 and 717 (Figure 9-1). Specifically, this is a 40,600-gallon fuel oil above ground storage tank (SRN 188) that has been in service since 1956 and an associated fueling area. There has been no record of leaking or spilling of petroleum product at this location. However, based on a 1995 EBS visual inspection, the area directly around the fueling station exhibited staining. Also, during this inspection, water was observed to be flowing over the above ground storage tank containment berm into an adjacent drainage ditch. This particular tank has been out of service and empty since 1989. The berm drain has been kept open since that time. A visual inspection conducted by the Seneca Army Depot Activity Environmental Department staff on April 24, 1996 revealed only small puddles of water inside of the berm.

The purpose of the investigation was to determine if soil in the immediate vicinity of the fueling station, and sediment in the nearby drainage ditch, have been impacted by petroleum products. The constituents of concern are volatile organics, semivolatile organics and TPH in soil and sediment.

9.2 Investigation Summary

The site is comprised of an approximately 240-foot by 140-foot rectangular area that is enclosed by a chain-link fence (Figure 9-1). In the east-central portion of this area there is an inactive 40,600-gallon above ground storage tank (Tank 188) within a containment berm. An outfall pipe leads from a drain in the floor of the bermed area around the tank to a drainage ditch, which is adjacent to the southern perimeter fence. The ditch directs flow to the west. There is also a centrally located shed and fuel off-loading/filling area, which is accessible by a gate on the west side of the site. An overhead transfer pipe extends from Tank 188, past the shed, and it ends at the edge of the asphalt immediately west of the shed.

The field program included three soil borings from which two soil samples were collected from each boring, three surface soil samples, and two sediment samples (Figure 9-1). The soil borings and surface soil samples were collected from within the fenced area around the above ground tank. The sediment samples were collected in two locations, one at the outfall pipe from Tank 188 and one immediately downgradient from this area. The rationale for these sample locations is provided in Table 9-1.

The results of the laboratory analyses are presented in Tables 9-2 through 9-7. These results were compared to NYSDEC TAGMs and Residential PRGs. The results of the comparisons are given below.

Comparison to TAGMs:

- No volatile organic compounds were exceeded their respective TAGMs in surface and subsurface soil samples.

- No semivolatile organic compounds exceeded their respective TAGMs in surface or subsurface soil. The semivolatile compounds detected were mostly PAHs with some phthalate compounds.
- TPH were found in five out of the six surface soil samples, but not in the subsurface soil samples. The maximum TPH concentration was in surface soil sample SS123B-1 (2,880 mg/Kg). The next highest concentration was 179 mg/Kg in the surface soil samples SB123B-1. The other three TPH concentrations were less than 100 mg/Kg. There is no TAGM for TPH.
- No volatile organic compounds in the samples exceeded established New York State sediment criteria. One volatile organic compound (acetone) was found in both of the sediment samples. The detected concentrations were near the method detection limit.
- No semivolatile organic compounds exceeded established New York State sediment criteria. Semivolatile organic compounds were found in both sediment samples, although the numbers of compounds and their concentrations were higher in the sample beneath the outfall pipe (SD123B-1) than in the downstream sample (SD123B-2). The compounds detected were mostly PAHs, with a few phthalates.
- No TPH were found in either of the two sediment samples collected in the drainage ditch.

Comparison to Residential PRGs:

- None of the concentrations of volatile organics or semivolatile organics exceeded their respective PRGs in the soil samples.

Recommendation: Based on professional judgment, it is recommended that final actions for SEAD-123B, as outlined under Decision No. B in the Decision Criteria Flowchart, include: 1) a no action SMWU designation on all applicable permits and 2) that regulators be notified by SEAD that the site will be designated as no further action with no reuse restrictions.

10.0 SEAD-123C - Building 747 HM Spill

10.1 Site Information

This parcel is associated with Building 747 (Figure 10-1). A visual inspection was attempted at this building; however, access to the building and the surrounding areas was denied. The tank list shows that there is a 4,000 gallon fuel oil underground storage tank (SRN 44) associated with this building that has been in service since 1982. No release has been documented for this tank. An interview conducted during the mid-EBS meeting in January 1996 revealed that this building was been used for storage of battery acids and paints and that releases of petroleum product and solvents have occurred.

No sampling was performed at this site during the field program. The site was addressed in a Underground Storage Tank Closure Report prepared for Seneca Army Depot by Environmental Products and Services (1998). The pertinent findings of this report are described below.

10.2 Investigation Summary

The 4,000-gallon fiberglass underground fuel oil storage tank near Building 747 was removed as part of the closure of seven other tanks at SEDA. During the closure, six soil samples were collected from the floor and walls of the tank pit excavation. Analytical results of these soil samples showed that no volatile organics or semivolatile organics were detected in the samples.

Analytical results of a ground water sample collected from a monitoring well installed in the center of the excavation pit showed that 12 target analytes were detected. Five of these compounds were found at concentrations above guidance values set forth in NYSDEC STARS Memo #1. These five compounds, and their concentrations, are as follows: n-butylbenzene (9.3 ppb), naphthalene (43.0 ppb and 21 ppb), 1,2,4-trimethylbenzene (34.3 ppb), 1,3,5-trimethylbenzene (11.0 ppb), and total xylenes (14.5 ppb). Also, the concentrations of three of these compounds (total xylenes, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene) are above their respective NYSDEC GA standards of 5 ppb.

According to a February 11, 1998 letter from NYSDEC, the status of the site (Spill No. 9712298 - Building 747) is that "groundwater contamination above STARS criteria" exists at the site. Furthermore, NYSDEC's status letter "requests that the tank pit well be resampled in May 1998 and ground water analyzed using Method 8021." They note that "further work, if any, will be determined upon receipt of the analytical results."

Recommendation: As indicated at Decision No. D in the Decision Criteria Flowchart, it is recommended that an additional groundwater sample be collected from the tank pit well at SEAD-123C and analyzed using methods specified by NYSDEC. The results should be submitted to NYSDEC and, after they have reviewed the results, a request of the status of the site should be made by SEDA.

11.0 SEAD-123D - Area West of Building 715

11.1 Site Information

This parcel is associated with open land north of Building 715 (Figure 11-1). A visual inspection of this area during the 1995 EBS revealed several suspected mounding areas and a rusty drum protruding from a mound of soil. No evidence of soil staining or groundwater contamination could be determined from the visual inspection. During the 1995 EBS, interviewees were asked if they had any knowledge of this area, but no one had any information.

The purpose of the investigation was to determine if the soils in the mounds or debris areas have been impacted by oil or hazardous materials. The constituents of concern are volatile organics, semivolatile organics, TPH, metals, and pesticides/PCBs in soil.

11.2 Investigation Summary

The site is comprised of a 4.6-acre triangular shaped area that is mostly wooded (Figure 11-1). Six locations within the area showed signs of disturbance. The disturbed areas consisted of either low mounds of dirt and/or surface debris consisting of construction material or rusted drum fragments.

A detailed visual inspection of the area west of Building 715 was performed and all of the mounds within this area were identified. Five areas/mounds that were considered most likely to

have been impacted based on visual inspection were identified in the area. Five test pits were excavated, one at each of the five areas/mounds, and two soil samples were collected from each pit (Figure 11-1). The rationale for the test pit sample locations is provided in Table 11-1.

The results of the laboratory analyses are presented in Tables 11-2 through 11-9. These results were compared to NYSDEC TAGMs and Residential PRGs. The results of the comparisons are given below.

Comparison to TAGMs:

- Two volatile organic compounds (acetone and methyl ethyl ketone) were found in the soils at the site. Acetone was found in six of the samples at concentrations below the TAGM (between 10 µg/Kg and 17 µg/Kg), however, in one sample it was found at 660 µg/Kg, which is 3.3 times the TAGM. Methyl ethyl ketone was found in only one sample at a concentration below the TAGM. It is likely that these compounds are laboratory artifacts and are not believed to be indicative of the true soil chemistry at SEAD-123D.
- No semivolatile organic compounds were found at concentrations that were above their respective TAGM values. The semivolatile organic compounds were mostly PAHs with a few phthalate compounds.
- TPH were found in soil samples at three of the five test pits excavated. At TP123D-2 and TP123D-3 TPH concentrations were between 22.1 mg/Kg and 39.4 mg/Kg only in near surface (0.5 foot depth) soil samples. At TP124D-4, the TPH concentrations of 115 mg/Kg and 221 mg/Kg were found in samples collected from 0.5-foot and 1.0-foot depths, respectively. There is no TAGM for TPH.
- Four metals were found in the soil samples at concentrations that were slightly above their respective TAGM values, however, these exceedences were only 1.1 to 1.8 times greater than the TAGMs for these metals. The relatively low magnitude of the exceedences suggests that they are likely to result because of natural variability in the metals concentrations in the soil, and not from impacts from on-site activities. Specifically, the metals that exceeded the TAGMs, and the magnitude of their exceedences (shown in parentheses), are as follows: lead (1.1 - 1.4 times); manganese (1.8 times); mercury (1.3 times); and zinc (1.5 times).
- No pesticides or PCBs were found at concentrations that exceeded TAGM values. The two pesticides that were found (4,4-DDE and 4,4-DDT) were detected at concentrations well below their respective TAGM values (two of the detections were estimated, because they were below the contract required detection limit).

Comparison to Residential PRGs:

- None of the concentrations of volatile organics, semivolatile organics, or pesticides/PCBs exceeded established PRGs in the soil samples.
- Three metals; Arsenic, Beryllium and Iron were detected at levels above their respective PRG, but were below their TAGM values.

- There is no Residential PRG value for lead, although the site maximum value of 31.4 mg/Kg is significantly below the agreed upon screening level of 400 mg/Kg for residential land use .

Recommendation: Based on professional judgment it is recommended that final actions for SEAD-123D, as outlined under Decision No. B in the Decision Criteria Flowchart, include: 1) a no action SMWU designation on all applicable permits and 2) that regulators be notified by SEAD that the site will be designated as no further action with no reuse restrictions.

12.0 SEAD-123E - Rumored DDT Burial at Ice Rink

12.1 Site Information

This parcel is associated with an area that was rumored to have been used for the burial of empty DDT cans.

The purpose of this investigation was to perform an EM 31 Survey within the area. Upon completion of the survey, the data was reduced and likely EM anomalies (i.e., targets) identified.

12.2 Investigation Summary

The site is comprised of an approximately 300-foot by 200-foot area that contains an rectangular depression in the ground surface that is used seasonally for an ice skating rink; the rink is surrounded by grassy areas (Figure 12-1). A fenced water tower is on the west side of the area and fenced tennis courts exist on the east side.

An EM-31 survey was performed over a 300-foot by 240-foot area that encompassed the former ice rink. The EM-31 survey was performed by collecting EM measurements every one second along parallel, north-south oriented survey lines. These lines were spaced 20 feet apart. The local grid system that was used to reference the EM-31 survey was itself referenced to local anthropogenic features (such as corners in fences, building corners, etc.). Once the EM-31 data were collected, they were corrected for instrument drift using instrument function check data that were collected before and after the survey. Finally, the data were reduced to produce pseudo-color maps of the measured EM responses. These maps are presented in Figure 12-2 and Figure 12-3. Figure 12-2 shows the measured apparent ground conductivity and Figure 12-3 shows the in-phase response. In each figure, the range of measured values has been mapped to an arbitrary color scale, which was chosen to highlight the anomalous features observed in the EM data.

A prominent EM anomaly is visible in both the apparent ground conductivity data and in the in-phase response data in the south central portion of the surveyed area, immediately south of the former ice rink. This area is presumably associated with the suspected buried DDT drums. Although this location is not below the former ice rink, the lack of an EM anomaly beneath the rink and the size and amplitude of the EM anomaly immediately south of the rink indicate that the suspected burial location is indeed south of the rink and that no burial occurred beneath the rink itself. Two additional EM anomalies are prevalent along the western and eastern boundaries of the surveyed area, and both are associated with chain-link fencing.

Recommendation: Based on the results of the geophysical survey, it is recommended that the geophysical anomaly south of the ice skating area at SEAD-123E be investigated, and the environmental impact from the anomaly be determined. This is in accordance with the actions defined by Decision No. D in the Decision Criteria Flowchart.

13.0 SEAD-123F - Mound North of Post 3

13.1 Site Information

This parcel is associated with a reported mound in an area north of the Post 3, in the Administration area (Figure 13-1).

The purpose of the investigation was to determine if soil in a mound north of Post 3 has been impacted by oil or hazardous materials. The constituents of concern are volatile organics, semivolatile organics, TPH, metals, and pesticides/PCBs in soil. An EM-31 geophysical survey was also performed.

13.2 Investigation Summary

The site consists of a gradually sloping mound that is approximately 200-feet long, 100 feet wide and 4.5 feet high (Figure 13-1). The mound is located in the northwest corner of a grassy field adjacent to the parking lot at Building 750. Both the mound and the field are regularly mowed by SEDA maintenance staff.

A detailed visual inspection of the area north of Post 3 was performed and the mound was identified. A test pit was excavated and two soil samples were collected from the pit (Figure 13-1). The test pit was excavated at the north end of the mound where there were signs of past excavating activities and stressed vegetation. The rationale for the sample locations is provided in Table 13-1. In addition, a geophysical survey was performed at TP123F-1 to determine if there were any anomalies in the mound.

An EM-31 survey was performed over a 400-foot by 200-foot area that encompassed the soil mound near Post 3. The EM-31 survey was performed by collecting EM measurements every one second along parallel, north-south oriented survey lines. These lines were spaced 20 feet apart. The local grid system that was used to reference the EM-31 survey was itself referenced to local anthropogenic features (such as corners in fences, building corners, etc.) and to the staked boundaries of test pit TP123-F, which was excavated into the soil mound. Once the EM-31 data were collected, they were corrected for instrument drift using instrument function check data that were collected before and after the survey. Finally, the data were reduced to produce pseudo-color maps of the measured EM responses. These maps are presented in Figure 13-2 and Figure 13-3. Figure 13-2 shows the measured apparent ground conductivity and Figure 13-3 shows the in-phase response. In each figure, the range of measured values has been mapped to an arbitrary color scale, which was chosen to highlight the anomalous features observed in the EM data.

No EM anomalies were observed that could be associated with buried metallic objects. A large amplitude anomaly is visible in both the apparent ground conductivity and the in-phase response data along the western boundary of the surveyed area, and is associated with a chain link fence. Intermittent medium amplitude anomalies are also observed along the northern boundary of the

surveyed area, and these too are associated with chain link fencing. A low amplitude apparent ground conductivity is visible over the area of the soil mound, but is a product of the EM-31 instrument being slightly higher above the local terrain while it was carried over this portion of the survey area. Since the EM-31's apparent ground conductivity response is proportional to the instrument's elevation above the local terrain, an increase in the instrument's height above the local terrain will result in a slightly reduced apparent ground conductivity measurement. (The EM-31 instrument is factory calibrated to measure apparent ground conductivity in a homogeneous space one meter below the instrument; by increasing the amount of open space below the instrument decreases the absolute conductivity of the space below the instrument that is being surveyed.)

The results of the laboratory analyses are presented in Tables 13-2 through 13-9. These results were compared to NYSDEC TAGMs and Residential PRGs. The results of the comparisons are given below.

Comparison to TAGMs:

- No volatile organic compounds were found at concentrations that exceeded their respective TAGMs. Only one compound (acetone) was found in one sample; it was found at an estimated concentration below the CRDL.
- No semivolatile organic compounds were found at concentrations that exceeded their respective TAGMs. The semivolatiles were mostly PAHs, although one phthalate compound was found. All of the compounds found were detected at estimated concentrations.
- No TPH were detected in the soil samples.
- No metals were found at levels that exceeded their respective TAGMs.
- No pesticides or PCBs were detected in any of the soil samples.

Comparison to Residential PRGs:

- None of the concentrations of volatile organics, semivolatile organics, or pesticides/PCBs exceeded established Residential PRGs in the soil samples. Only two metals (arsenic and beryllium) exceeded their respective Residential PRGs. The exceedences were 8.6 times and 11.4 times for arsenic and 2.1 times and 1.7 times for beryllium.

Recommendation: Based on professional judgment it is recommended that final actions for SEAD-123F, as outlined under Decision No. B in the Decision Criteria Flowchart, include: 1) a no action SMWU designation on all applicable permits and 2) that regulators be notified by SEAD that the site will be designated as no further action with no reuse restrictions.

14.0 SEAD-46 - Small Arms Range

14.1 Site Information

This parcel is associated with a small arms range that was used for testing firing tracers and 3-1/2-inch rockets. This area corresponds to one of the previously identified SWMUs (SEAD-46) (Figure 14-1).

This site was originally included in the list of moderate EBS sites, but work at this site was postponed because of specific UXO concerns.

15.0 SEAD-68 - Old Pest Control Shop (Building S-335)

15.1 Site Information

This parcel is associated with the reported former pest control shop in Building S-335. This site is one of the previously recognized SWMUs (SEAD-68) (Figure 15-1). No documented or visual evidence of a release has been discovered. However, NYSDEC has classified this area as an Area of Concern (AOC) and the Seneca Army Depot Activity agrees.

The purpose of the investigation was to determine if surface and subsurface soils around the Old Pest Control Shop have been impacted by the activities at the shop. The constituents of concern are volatile organics, semivolatile organics, pesticides (including organophosphorous pesticides), herbicides, and arsenic in soil.

15.2 Summary of Investigation

This area is comprised of a 100-foot by 40-foot single story wooden building, the Old Pesticide Control Shop, which is located on the corner of Avenue C and 3rd Street (Figure 15-1). The building is surrounded on the west, north and east sides by narrow grassy areas. There are doors located on these three sides of the building. A large garage (bay) door entrance is on the southern end of the building. Beyond the grassy areas to the north and east is an asphalt and gravel (i.e., crushed shale) area that is used for vehicle parking and staging. A 50-foot concrete driveway extends from the bay door to the intersection of Avenue C and 3rd Street.

Surface soil sampling and soil borings were performed at this site. A total of five surface soil samples were collected near doorways on the outside of the building (Figure 15-1). Three of the samples were collected near three doors on the west, north, and east sides of the building. The other two samples were collected from locations to the northwest and southeast of the large garage door. Two soil borings were performed on either side of the large garage door, beyond the surface soil sample locations mentioned above (Figure 15-1). The borings were in grassy areas that are likely disposal areas because of the good infiltration in the areas and because these areas are near drainage ditches. The rationale for selecting the sample locations is provided in Table 15-1.

The results of the laboratory analyses are presented in Tables 15-2 through 15-9. These results were compared to the NYSDEC TAGMs and the Industrial PRGs. The results of the comparisons are given below.

Comparison to TAGM:

- Six volatile organic compounds were found in the soil at SEAD-68, however, their concentrations were all below their respective TAGMs. The two most frequently occurring

compounds were acetone and toluene, which were present in a majority of the samples. These two compounds are common laboratory contaminants. The other compounds (benzene, chloroform, total xylenes, and trichloroethene) were found at estimated concentrations between 2 ug/Kg and 5 ug/Kg only in the two subsurface soil samples.

- The semivolatile organic compounds found in the soil samples consisted mostly of PAHs, however, five phthalates were also found in the soil samples. Four of the PAH compounds exceeded their respective TAGMs in the surface soil samples collected immediately around Building S-335; one exceedence (1.2 times the TAGM) was found in the surface soil sample at SB68-2. The maximum exceedences for the PAHs were as follows: benzo(a)anthracene (4.1 times); benzo(b)pyrene (12.6 times); chrysene (2.5 times); and dibenz(a,h)anthracene (16 times).
- Six pesticide compounds were found in the soils at SEAD-68. They were found in all samples except for those collected at SB68-1. One of the compounds detected, 4,4'-DDT, was found at a concentration (4,000 ug/Kg) that was 2 times its TAGM in surface soil sample SS68-4, which is located outside a door on the northwest side of Building S-335. Also, three other compounds were found at their highest concentrations in this sample. The other compounds found in the samples collected on-site were 4,4'-DDE, alpha-chlordane, endrine ketone, gamma-chlordane, heptachlor epoxide.
- Two herbicide compounds (2,4,5-T and 2,4-DB) were found in one soil sample, SS68-4, which was collected outside the door on the northwestern side of the building. Both of these concentrations were well below their respective TAGMs.
- The concentrations of arsenic in were below the TAGM in all of the samples, except for one (SS68-4). In this sample the TAGM was exceedence was relatively low (1.3 times).

Comparison to Industrial PRGs:

- No Industrial PRGs were exceeded in the soil samples for the volatiles, semivolatiles, pesticides, and herbicides analyses. Arsenic exceeded the Industrial PRG in all but one of the soil samples, however, the exceedences were generally low, between 1.02 times and 3.0 times the PRG. In more than half the samples the arsenic exceedences were less than 2 times the PRG. The maximum exceedence (3.0 times) was in the surface soil sample SS68-4.

Recommendation: Based on professional judgment, and as indicated at Decision No. D in the Decision Criteria Flowchart, it is recommend that additional surface soil sampling be performed to determine the extent of the impacts from pesticides (particularly 4-4'-DDT) on the southwest side of the building at SEAD-68. At this time, there are an insufficient number of data points to perform a Mini Risk Assessment.

16.0 SEAD-120A - 50 Area Dumping Areas

16.1 Site Information

This parcel is associated with dumping areas that are reported to exist in the "50 Area" west of Seneca Road and south of Indian Creek Road (Figure 16-1). Two of the dumping areas were

observed to contain concrete blocks and fill dirt. One had steel drums and one is believed to be a former railroad dump containing railroad ties and scrap metal.

The purpose of the investigation was to determine if subsurface soils have been impacted by the dumping that occurred in this area (the locations of these samples were not based upon the results of the geophysical survey). A geophysical investigation was used to identify other areas where material may have been buried. The constituents of concern are volatile organics, semivolatile organics, TPH, metals, pesticides/PCBs, and herbicides in soil.

16.2 Investigation Summary

The site is comprised of an irregularly shaped area located in the southwestern corner of the Depot (Figure 16-1). It is comprised of mostly wooded land and low brush areas, and within these areas are railroad tracks, a dirt road, open areas and soil/debris mounds. Most of the woodlands are located in the central and southwestern portions of the site, and the remaining areas are dominated by low brush. A railroad line passes through the southern portion of the site and extends north through the north-central portion of the site; a dirt road parallels the railroad tracks that pass through the southern portion of the site. Several conspicuous, open areas are located on the eastern and western sides of the railroad tracks (in the western portion of the site), where they begin to head due north toward Indian Creek Road. The areas are generally lower in elevation than the surrounding terrain near the roadway and railroad tracks, and they are characterized by uneven ground. In addition, soil/debris mounds were identified along the perimeter of the site, near roads or railroad tracks. No roads that would provide access to interior locations of the site were identified during the inspection.

EM-31 geophysical surveys were performed to identify locations where oil or hazardous materials may have been buried. The geophysical surveys were performed in six different areas within site 120A. These locations were chosen because they are suspected staging areas or conspicuous open areas where access is provided to them by nearby roads and/or railroad tracks. These locations were identified based on a review of aerial photographs, site inspection information, and discussions with SEDA environmental personnel. Areas 1 and 2 are to the west and east of the railroad tracks, respectively, where the tracks begin to head due north toward Indian Creek Road. Areas 3 and 4 are located east of the railroad tracks, to the south and north, respectively, of the small pond that was associated with the munitions washout facility (SEAD-4). Area 5 is located near Seneca Road west of igloo E0801. The last area (Area 6) is located west of Silver Creek, approximately 500 feet south of igloo E0806.

An EM-31 survey was performed in the six different areas as previously described. All of these areas are believed to have been the most likely to have been used for disposal purposes, if disposal actions have actually occurred in SEAD-120A. The EM-31 survey was performed at each location by collecting EM measurements every one second along parallel survey lines. These lines were spaced 20 feet apart. The local survey grid that was established at each location was surveyed and referenced to the New York State Plane coordinate system. Once the EM-31 data were collected, they were corrected for instrument drift using instrument function check data that were collected before and after each survey. Finally, the data were reduced to produce pseudo-color maps of the measured EM responses. These maps are presented in Figures 16-2 through 16-9. Figures 16-2, 16-4, 16-6 and 16-8 show the measured apparent ground conductivity at the various survey locations, and Figures 16-3, 16-5, 16-7 and 16-9 show the

measured in-phase response. In each figure, the range of measured values has been mapped to an arbitrary color scale, which was chosen to highlight the variations observed in the EM data.

No EM anomalies are visible in either the apparent ground conductivity data or in the in-phase response data at any of the six areas surveyed. At each surveyed area, the apparent ground conductivity and in-phase response data are interpreted to be representative of natural site conditions. There are no indications that disposal of metallic debris has occurred at any of the six areas, nor is there any indication of soils with increased or decreased apparent ground conductivities that may have been caused by leaching or run-off from disposal materials.

A total of five test pits were performed within the site and two soil samples were collected at each test pit (Figure 16-1). The samples were collected at the locations of soil/debris mounds near roads and railroad tracks, which are areas that would allow easy access for dumping; these locations were not based on the results of the geophysical survey, which investigated material that may have been buried. The mounds that were investigated were those that were the most easily accessed and had signs that they contained debris (anything other than topsoil). The degree of accessibility, as well as the relative amount and type of debris in the mound, were the main criteria for choosing the mounds to be investigated. The rationale for selecting the sample locations is provided in Table 16-1.

The results of the laboratory analyses are presented in Tables 16-2 through 16-11. These results were compared to NYSDEC TAGMs and Recreational PRGs. The results of the comparisons are given below.

Comparison to TAGMs:

- No volatile organic compounds were found at concentrations above their respective TAGMs. The volatiles that were found included acetone, chloroform, methylene chloride, and toluene, most of which were found at estimated concentrations in the samples
- The semivolatile organic compounds detected in the soils on-site were mostly PAHs and phthalates, however, none of these compounds were found at concentrations above their respective TAGMs. The concentrations for all of the semivolatile compounds were estimated. The PAHs, which comprised the majority of the compounds detected, were found mostly at TP120A-2 and TP120A-5.
- No TPH were found at concentrations above the detection limit at four of the five test pit locations; at one test pit location, TP120A-2, no TPH sample was collected due to an oversight in the field. No TAGM has been established for TPH.
- Five metals exceeded their respective TAGMs, however, these exceedences were mostly in the two samples collected at TP120A-2. The metals that exceeded the TAGMs were chromium (1.05 times), copper (1.7 times), iron (1.2 times), lead (2.8 times), and thallium (2.4 times). The magnitude of these metals exceedences suggests that they may be due to the natural variability of the concentrations of these metals in the soil.
- Four pesticide compounds were found at two test pit locations at SEAD-120A, however, the detected concentrations were well below their respective TAGMs. Estimated concentrations of 4,4'-DDT were found at TP120A-3 and TP120A-5. The subsurface soil sample at

TP120A-5 also contained the compounds alpha-BHC, Delta-BHC, and Gamma-BHC (Lindane). No PCBs were detected in the samples.

- No herbicides were detected in the soil samples collected from the test pits in the mounds.

Comparison to Recreational PRGs:

- No Recreational PRGs were exceeded in the soil samples analyzed for volatile organics, semivolatile organics, metals, pesticides/PCBs, and herbicides.
- There is no Recreational PRG value for lead, although the site maximum of 68.3 mg/Kg is significantly below the agreed upon screening level of 400 mg/Kg for residential land use.

Recommendation: Based on professional judgment it is recommended, as outlined under Decision No. B in the Decision Criteria Flowchart, that the final actions at SEAD-120A include: 1) a no action SMWU designation on all applicable permits and 2) that regulators be notified by SEAD that the site will be designated as no further action with no reuse restrictions.

17.0 SEAD-120B - Ovid Road Small Arms Range

17.1 Site Information

This parcel is associated with the location of a small arms range. Interviews during the 1995 EBS indicated that this area had been used a small arms range. During the EBS fieldwork, a visual inspection of the area revealed a 250-foot-long arcuate berm with a dirt track road leading to it (Figure 17-1).

The purpose of the investigation was to determine if subsurface soils in the former small arms range have been impacted by the activities at the range. The constituents of concern are semivolatiles, metals, and explosives in soil.

17.2 Investigation Summary

The site is comprised of a 200-foot long arcuate soil berm that opens to the southwest (Figure 17-1). There is an approximately 290-foot dirt road that leads from the patrol road to the base of the berm, which is covered with brush and vines. At the base of the berm, beneath the brush, there are three steel posts that are believed to be the supports for target mounting frames. Three buried 4-inch diameter clay pipes (which protruded a few inches above the ground surface) were also found at the base of the berm. Because these locations correspond with the identified target backstop locations, they may have been used as removable target post receptacles.

A total of six soil samples were collected at locations behind each of the target locations within the berm (Figure 17-1). The samples were collected at locations immediately behind the target posts; these locations are believed to be impact points for the shots. The impact points were verified by the presence of bullets, mostly copper jacketed 0.45 and 0.38 caliber, which are typically used with sidearms. There was also evidence of more recent activity at this site because two plastic ammo boxes and a 6-foot belt of live 5.56 NATO blank rifle rounds were found in front of the berm. Manufacturer markings and a lack of corrosion on these materials

Buildings 816 and 817 were associated with a classified mission. The majority of Building 816 was not available for inspection during the EBS. Interview with a radiation protection officer revealed that a potential release of radionuclides occurred within the area of these buildings. Two radiation screening rooms, both with venting leading directly outside the buildings, were also observed. Aerial photograph analysis during the 1995 EBS also revealed disturbed ground directly west of Building 816. A visual inspection of this area during the 1995 EBS confirmed that the area was disturbed. Interviews and records searches did not confirm or deny that burial activities had occurred in this area.

18.2 Investigation Summary

No sampling was conducted at this site (Buildings 813-817) because it is being investigated under the SEAD-12 RI/FS program.

19.0 SEAD-120D - MP Refueling Island in the Q

19.1 Site Information

This parcel is associated with a former Military Police (MP) refueling station located northwest of Building 810 (Figure 19-1). According to the EBS report, two above ground storage tanks (SRNs 50 and 51), which date to 1963, are presently located behind Building 810. Both of these tanks had a 550-gallon capacity and were used to store fuel oil. A visual inspection during the 1995 EBS did not reveal any staining or stressed vegetation. However, interviews with base personnel during the EBS revealed that the MPs fueled their vehicles in this area on daily basis. Interviewees were certain that they had witnessed frequent spilling of petroleum products.

According to SEDA personnel interviewed for this investigation of the moderate EBS sites, the MP refueling island is located approximately 250 feet northwest of Building 810 and, thus, the two above ground fuel oil storage tanks (SRNs 50 and 51) behind Building 810, which were mentioned in the EBS report, were not part of the MP refueling island. According to SEDA personnel, these two tanks are currently located behind Building 810, but they are scheduled to be removed later in 1998.

The purpose of the investigation was to determine if soils near the refueling island have been impacted by contaminants. The constituents of concern are volatile organics, semivolatile organics and TPH in soil.

19.2 Investigation Summary

This site is comprised of a 100-foot by 50-foot former pumping island located at the intersection of the "Q" Patrol Road and Service Road #1, approximately 250 feet northwest of Building 810 (Figure 19-1). A 2,000-gallon gasoline underground storage tank and pumping station were located on this island to provide MPs with fuel for their vehicles if an extended "Q" area lock-up occurred. The underground storage tank and pump were removed in approximately 1988. The island is presently covered with low grass, low brush and gravel.

Two surface soil samples were collected from locations on the island (Figure 19-1). Also, one soil boring was performed on the western (downgradient) portion of the island; the groundwater flow direction is expected to be to the west based on the westwards slope of the ground surface

in the area of the refueling island. The rationale for selecting the surface soil and soil boring locations is provided in Table 19-1.

The results of the laboratory analyses are presented in Tables 19-2 through 19-5. These results were compared to NYSDEC TAGMs and Recreational PRGs. The results of the comparisons are given below.

Comparison to TAGMs:

- Two volatile organic compounds, acetone and toluene, were detected in the soil samples. However, none of the concentrations of these volatiles were found above their respective TAGMs; while acetone did exceed the TAGM in one sample, its concentration in the duplicate sample was well below the TAGM. Both acetone and toluene are potential laboratory contaminants.
- The semivolatile organic compounds detected in the samples included mostly PAHs and three phthalate compounds. Two of the PAHs, benzo(a)pyrene and dibenz(a)anthracene, exceeded their respective TAGMs in soil. The exceedences for these compounds were found in both surface soil samples, however, only dibenz(a,h)anthracene exceeded the TAGM in the surface soil sample taken at the soil boring. The magnitudes of the two PAH exceedences were generally between 1.2 and 1.6 times in the samples, however, in the surface soil sample at SS120D-2 the exceedences were 3.3 times and 6.6 times the TAGM.
- TPH were found in the two surface soil samples and the surface sample collected at the soil boring; TPH was not found in the subsurface sample at the soil boring. The concentrations detected ranged from 43.6 mg/Kg to 181 mg/Kg. There is no TAGM for TPH.

Comparison to Recreational PRGs:

- None of the concentrations of volatile organics and semivolatile organics exceeded established Recreational PRGs.

Recommendation: Based on professional judgment, it is recommended that final actions for SEAD-120D, as outlined under Decision No. B in the Decision Criteria Flowchart, include: 1) a no action SMWU designation on all applicable permits and 2) that regulators be notified by SEAD that the site will be designated as no further action with no reuse restrictions.

20.0 SEAD-120E - Near Building 2131, Possible DDT Disposal

20.1 Site Information

This parcel is associated with debris east of Booster Station 2131 and a possible DDT disposal area (Figure 20-1). This area corresponds with one of the previously identified SWMUs (SEAD-58). An ESI conducted by Engineering Science, Inc. indicates that the soils, groundwater, and surface water have not been impacted by any of the constituents for which analyses were conducted. The sediment in the drainage swales in the area is the only medium that has been impacted by releases of PAHs.

The purpose of the investigation was to use geophysics to locate an area that is the possible DDT disposal area and to determine if soil in this area has been impacted by pesticides. In addition, impacts to sediment in nearby drainage ditches were investigated. The constituents of concern are pesticides in soil and sediment.

20.2 Investigation Summary

This site is associated with Booster Station 2131, which is near the western boundary of the Depot (Figure 20-1). A visual inspection of the area verified the debris pile to the east of the building, which was described in the EBS report. The pile consisted of gravel and construction debris. Many underground utilities are located in the area immediately surrounding the building. A mowed area, which has traces of construction debris (e.g., scrap piping, lumber, concrete fragments) on the ground surface, extends approximately 50 feet north of the access road to Building 2131. The mowed area is bordered on the north side by a drainage ditch that is next to thick woods. The drainage ditch appeared to collect water from areas near Building 2131 and discharge it both to the east, toward a small brook, and to the west, toward another ditch along West Patrol Road. Surface water in the ditch along West patrol Road appeared to flow south along the road and discharge into Kendaia Creek.

An EM-31 survey was performed over an area approximately 200 feet long by 200 feet wide, located in the area surrounding Building 2131. This area is suspected to have been the site of DDT disposal. The EM-31 survey was performed by collecting EM measurements every one second along parallel, north-south oriented survey lines. These lines were spaced 20 feet apart. The local grid system that was used to reference the EM-31 survey was surveyed and referenced to the New York State Plane coordinate system. Once the EM-31 data were collected, they were corrected for instrument drift using instrument function check data that were collected before and after the survey. Finally, the data were reduced to produce pseudo-color maps of the measured EM responses. These maps are presented in Figures 20-2 and 20-3. Figure 20-2 shows the measured apparent ground conductivity and Figure 20-3 shows the in-phase response. In each figure, the range of measured values has been mapped to an arbitrary color scale, which was chosen to highlight the variations observed in the EM data.

No prominent EM anomalies are visible in either the apparent ground conductivity data or in the in-phase response data that could be associated with disposal locations. A linear anomaly of high apparent ground conductivity and high in-phase response measurements is visible from the eastern wall of Building 2131 to the eastern boundary of the surveyed area. This anomaly is presumably associated with buried utilities, which are known to be present in the area of this feature. Variations in both the apparent ground conductivity and the in-phase response measurements observed in the vicinity of Building 2131 are caused by the building itself. Two additional anomalies, both in the southwestern portion of the surveyed area, are associated with anthropogenic features observed during the survey (a Kendaia Creek overpass for West Patrol Road and the SEDA property fence). No anomalies were observed that could be associated with the burial of metallic debris or the disposal of DDT.

Two soil samples were collected from a soil boring performed at a location north of Building 2131. The soil boring location was chosen because it was the only place where a small magnetic anomaly was found during a sweep of the open area north of the building using a Fisher TW6 hand-held metal detector. The instrument was set at maximum sensitivity and registered a small needle deflection in this location. The presence of the small anomaly, which was location in an

open grassy area that would have been easily accessible for digging, suggested that this location was the best candidate for potential burial of the DDT, given that no significant anomalies were found in the EM-31 survey. The potential that the DDT burial occurred in the immediate vicinity of the building and to the east of the building is low because of the buried utilities. In addition, three sediment samples were collected in the drainage ditches that surround the soil boring (Figure 20-1). The rationale for selecting the boring and sediment sample locations is provided in Table 20-1.

The results of the laboratory analyses are presented in Tables 20-2 through 20-4. These results were compared to NYSDEC TAGMs and NYS sediment criteria; no PRGs have been established for sediment. The results of the comparisons are given below.

Comparison to Soil TAGMs and Sediment Criteria:

- No pesticide compounds were found at concentrations above their respective TAGMs. However, four compounds (4,4'-DDT, alpha-chlordane, endosulfan II, and heptachlor epoxide) were found in the surface soil sample SB120E-1 at estimated concentrations that were well below the TAGMs.
- No pesticide compounds were found at concentrations above their respective NYS sediment criteria, however, three compounds (4,4'-DDD, 4,4'-DDE, and 4,4'-DDT) were detected, mostly at estimated concentrations.

Comparison to Recreational PRGs:

- None of the concentrations of pesticides found in the soil exceeded the Recreational PRGs.
- No Recreational PRGs have been established for sediment.

Recommendation: Based on professional judgment, it is recommended that final actions for SEAD-120E, as outlined under Decision No. B in the Decision Criteria Flowchart, include: 1) a no action SMWU designation on all applicable permits and 2) that regulators be notified by SEAD that the site will be designated as no further action with no reuse restrictions.

21.0 SEAD-120F - Munitions Burial Sites, South End of the Main Depot

21.1 Site Information

This parcel is associated with an area that is suspected to be an ammunition burial/disposal area. Interviews conducted during the 1995 EBS identified that burial of ammunitions took place in this general location (Figure 21-1).

The purpose of the investigation was to use geophysics to identify potential munitions burial sites in the south end of the Main Depot. No sampling or analyses were proposed at the site or in the nearby areas (i.e., Silver Creek) for this field investigation because the potential munitions burial sites have not yet been identified by the geophysical survey.

21.2 Investigation Summary

The site is located in the southern portion of the Depot (Figure 21-1). The site is comprised of an approximately 1,300-foot by 600-foot rectangular area that trends southeast-northwest in an area of dense brush and other vegetation. This open area is bounded on the north by storage igloos, on the east by Sliver Creek, to the south by railroad tracks, and to the west by the Munitions Washout Facility (SEAD-4).

The field program consisted of an EM-31 geophysical survey of the rectangular area (approximately 600 feet by 1,400 feet) located to the east of the former munitions washout building (Figure 21-1). This area is suspected to have been the site of munitions burials. The EM-31 survey was performed by collecting EM measurements every one second along parallel, northeast-southwest oriented survey lines. These lines were spaced 20 feet apart. The local grid system that was used to reference the EM-31 survey was surveyed and referenced to the New York State Plane coordinate system. Once the EM-31 data were collected, they were corrected for instrument drift using instrument function check data that were collected before and after the survey. Finally, the data were reduced to produce pseudo-color maps of the measured EM responses. These maps are presented in Figures 21-2 and 21-3. Figure 21-2 shows the measured apparent ground conductivity and Figure 21-3 shows the in-phase response. In each figure, the range of measured values has been mapped to an arbitrary color scale, which was chosen to highlight the variations observed in the EM data.

No prominent EM anomalies are visible in either the apparent ground conductivity data or in the in-phase response data. Three areas with slightly increased apparent ground conductivity were identified, one in the northwestern corner of the surveyed area, one in the eastern-central portion of the surveyed area, and one in the southern corner of the surveyed area. There are no associated anomalies visible in the in-phase data for any of these areas, and these slight increases in the measured apparent ground conductivity are interpreted to be caused by an increase in the overburden thickness and/or by an increase in the soil moisture content. No anomalies were observed that could be associated with the burial of metal cased munitions.

Recommendation: Based on the results of the geophysical survey, it is recommended that final actions for SEAD-120F, as outlined under Decision No. B in the Decision Criteria Flowchart, include: 1) a no action SMWU designation on all applicable permits and 2) that regulators be notified by SEAD that the site will be designated as no further action with no reuse restrictions.

22.0 SEAD-120G - Mounds at the Duck Ponds

22.1 Site Information

This parcel is associated with several areas of mounds located at the Duck Ponds area (Figure 22-1). One area [109(7)] consists of earthen mounds that may be related to a small arms range that was reported in this area. It could not be determined if these mounds were in fact the location of a small arms range that was reported in an interview during the 1995 EBS. Therefore, an accurate designation of this area could not be determined in the EBS.

The other three areas [110 (7), 111(7), and 112(7)] are suspected mounds in the Duck Ponds Area that were observed during the 1995 EBS. The contents of these mounds could not be determined during the EBS.

The purpose of the investigation was to determine if soils in the mounds at the Duck Ponds Area have been impacted by contaminants. Because there are numerous mounds at the Duck Ponds, the approach was to investigate 5 representative mounds, based on the potential for impacts given the observed surface indicators (i.e., debris and stressed vegetation), and secondly based on the geographic distribution within the Duck Ponds Area. Three of these mounds (mentioned above) were previously identified in the EBS report. The constituents of concern are volatile organics, semivolatile organics, TPH, metals, and pesticides/PCBs in soil.

22.2 Investigation Summary

The site is comprised of a large area surrounding the Duck Ponds, which extends to the west to the Ammo Area perimeter. Throughout this area are numerous earthen mounds and berms ranging from minor ground disturbances to a pile of soil 30-feet high. According to SEDA personnel, these mounds were made during an extensive history of road building, land clearing and other excavation activities at the Depot over the past 45 years; included in this was the construction of the Duck Ponds. In interviews, SEDA personnel described a standard practice of skimming and stockpiling topsoil into mounds for future use during road and facility construction. Material excavated from the Duck Ponds was deposited to form some of the mounds in the area. In addition, staging areas were formed along East Patrol Road by grading the land surface, which formed berms on the flanks of the staging areas.

The field program included five test pits in five separate mounds. Two soil samples were collected from each pit (Figure 22-1). Three of the mounds chosen for test pitting were identified in the EBS report (and noted above), and the other two mounds/disturbed areas were identified during the site inspection. These two mounds/areas were chosen to be investigated because they were in areas of the site that would provide good geographic coverage of the Duck Ponds area, considering that no other mounds in the Duck Ponds area showed significantly greater evidence for impacts based on surface observations. All five of the mounds investigated are well distributed throughout the Duck Ponds Area. The rationale for choosing these sample locations is provided in Table 22-1.

No mounds were left uninvestigated that showed a greater potential for having impacts (based on observation of the surface of the mounds) so that better geographic coverage could be obtained. Geographic coverage was considered only after determining that there were no mounds believed to be more impacted than others, based on the types of surface debris noted of the presence of stressed vegetation.

The results of the laboratory analyses are presented in Tables 22-2 through 22-9. These results were compared to NYSDEC TAGMs and Recreational PRGs. The results of the comparisons are given below.

Comparison to TAGMs:

- No volatile organic compounds were exceeded their respective TAGMs in the soil samples.
- No semivolatile organic compounds exceeded their respective TAGMs in surface or subsurface soil. The semivolatile compounds detected were mostly PAHs (nearly all at estimated concentrations). Also, several phthalate compounds were found in many of the samples (again, mostly at estimated concentrations).

- TPH concentrations were below the detection limit in all samples, with the exception of one sample. This sample had a concentration that was near the detection limit for the method. There is no TAGM for TPH.
- Five metals exceeded their respective TAGMs, however, the magnitudes of these exceedences were relatively low. The exceedences for the metals (aluminum, arsenic, lead, manganese, and thallium) were generally less than two times their respective TAGMs. The magnitude of these metals exceedences suggests that they may be due to natural variability of the concentrations of these metals in the soil.
- No pesticides or PCBs were detected in the soil samples collected at the mounds.

Comparison to Recreational PRGs:

- None of the concentrations of volatile organics, semivolatile organics, metals or pesticides and PCBs exceeded their respective Recreational PRGs in the soil samples.
- There is no Recreational PRG for lead, although the site maximum of 38 mg/Kg is significantly below the agreed upon screening level of 400 mg/Kg for residential land use.

Recommendation: Based on professional judgment, it is recommended that final actions for SEAD-120G, as outlined under Decision No. B in the Decision Criteria Flowchart, include: 1) a no action SMWU designation on all applicable permits and 2) that regulators be notified by SEAD that the site will be designated as no further action with no reuse restrictions.

23.0 SEAD-120H - Building 810

23.1 Site Information

Building 810 was not inspected during the 1995 EBS because access to the entire site was denied based on the classified mission of the building (Figure 23-1).

23.2 Investigation Summary

No sampling was performed at this site because it is being investigated under the SEAD-12 RI/FS program.

24.0 SEAD-120I - Building 819, A0101 and A0102

24.1 Site Information

During the EBS, a visual inspection of Building 819 was performed, but its mission could not be described (Figure 24-1). A visual inspection was attempted of the ammunition storage igloos A0101 and A0102 and the surrounding area, however, access to this area was denied based on the classified mission of the area.

24.2 Investigation Summary

No sampling was performed at this site. Building 819 is being investigated under the SEAD-12 RI/FS program. Igloos A0101 and A0102 are not currently included in the SEAD-12 RI/FS Workplan, but they will be added to the work to be conducted at SEAD-12.

25.0 SEAD-120J - Farmer's Dump

25.1 Site Information

This parcel is associated with a location that was reported to have been used for dumping by a local farmer (Figure 25-1). The dumping location was reported to be west of the main Depot along Kendaia Creek.

The purpose of the investigation was to determine if surface soils within the Farmer's Dump have been impacted by oil or hazardous materials. The constituents of concern are volatile organics, semivolatile organics, TPH, metals, pesticides/PCBs, and herbicides in surface soil.

25.2 Investigation Summary

The site is located on the north side of Kendaia Creek, approximately 1,800 feet west of Route 96A (Figure 25-1). It is characterized by a dumping area along an approximately 400-foot long section of an escarpment along Kendaia Creek; the dumping area was clearly apparent using visual observation. The debris in the dumping area, however, was generally concentrated in two areas, which are marked by an "x" on Figure 25-1. The dumping in the western location spans approximately 80 feet of a 28-foot-high wooded ravine along Kendaia Creek. The extent of the dumping in the eastern location was smaller. In these two locations, the debris consists of scattered bottles, cans, broken tools, construction debris, and animal carcasses (i.e., pig body parts). With the exception of some soda cans and the pig carcasses, the rest of the debris appeared to have been dumped at these locations at least several years ago; the pig carcasses are believed to have been dumped more recently based on the strong odor in the air. These dumping locations appear to have been chosen because the ravine is steeper and wider in these areas than in the surrounding areas, which allowed more debris to be dumped.

Five surface soil samples were collected from locations immediately downgradient of the dumping areas along the escarpment (Figure 25-1). The areas were chosen because they were locations where there was significantly more debris compared to other areas, and because the contents of the debris indicated that there was a potential for a release of oil or hazardous materials. The rationale for the sample locations is provided in Table 25-1.

The results of the laboratory analyses are presented in Tables 25-2 through 25-11. These results were compared to NYSDEC TAGMs and Recreational PRGs. The results of the comparisons are given below.

Comparison to TAGMs:

- No volatile organic compounds were found at concentrations that exceeded their respective TAGMs. Only two compounds (acetone and toluene) were found in the samples. Acetone was found in one sample, but it was also found in the laboratory blank sample. Toluene was found at estimated concentrations in all of the samples. These two compounds are likely to be laboratory contaminants.

- No semivolatile organic compounds were found at concentrations that exceeded their respective TAGMs. The semivolatiles were mostly PAHs, although two phthalate compounds were found. All of the compounds found were detected at estimated concentrations.
- TPH were found in three of the four samples at concentrations that were between 23.7 mg/Kg and 71.4 mg/Kg. The one sample that did not contain detectable concentrations of TPH was SS120J-3. No TAGM has been established for TPH.
- Three metals were found at concentrations that exceeded their respective TAGMs. Among these, lead was found to exceed the TAGM in all four samples. Its TAGM exceedences ranged between 1.2 times and 5.9 times. The two other metals, copper and zinc, exceeded their TAGMs in only one sample (SS120J-3), and the exceedences were approximately 2 times the TAGM.
- None of the pesticides detected on the site were found at concentrations above their respective TAGMs. The pesticide compound 4,4'-DDT was detected in two of the soil samples (SS120J-2 and SS120J-3) at estimated concentrations that were well below the TAGM. The compound 4,4'-DDE was found in only one sample (SS120J-3), also at an estimated concentration that was well below the TAGM.
- No herbicides were found at concentrations above the detection limits.

Comparison to Recreational PRGs:

- None of the concentrations of volatile organics, semivolatile organics, metals, pesticides and PCBs, or herbicides exceeded established Recreational PRGs in the soil samples.
- There is no Recreational PRG for lead, although the site maximum value of 144 mg/Kg is below the agreed upon screening level of 400 mg/Kg for residential land use.

Recommendation: Based on professional judgment it is recommended that final actions for SEAD-120J, as outlined under Decision No. B in the Decision Criteria Flowchart, include: 1) a no action SMWU designation on all applicable permits and 2) that regulators be notified by SEAD that the site will be designated as no further action with no reuse restrictions. In addition, any future use of this site should consider the presence of the trash and animal carcasses (i.e., odor nuisance).

26.0 SEAD-121A - USCG HALON DISCHARGE

26.1 SITE INFORMATION

This parcel is the LORAN-C building (Figure 26-1). Interviews revealed that in 1995 there was a 100-pound accidental release of halon in the control room of this building. The control room was evacuated and ventilated, and the released materials were cleaned up. No other actions were taken.

No field work tasks were performed at this site.

27.0 SEAD-121B - BUILDING 325 PCB OIL SPILL

27.1 SITE INFORMATION

This parcel is an area to the north of Building 325 where PCBs were reported to have been spilled (Figure 27-1). An interview revealed that 55 gallons of PCB oil were dumped in this location, but the time period is uncertain. It was reported that there was no cleanup of this release, and there is no record that this spill was ever reported to NYSDEC.

The purpose of the investigation was to determine if surface and subsurface soils around Building 325 have been impacted by the spill of PCBs. The constituents of concern are volatile organics, semivolatile organics, TPH, and PCBs.

27.2 SUMMARY OF INVESTIGATION

A visual inspection was conducted at the north side of the warehouse Building 325. On the north side, there is a concrete loading ramp leading from where the trucks park on 4th Street to the concrete loading platform along the side of Building 325. The area west of the loading ramp, between 4th Street and the platform, is mostly gravel with some vegetation. The area east of the ramp slopes down to a shallow drainage area next to railroad tracks running north/south.

There were no signs of staining or stressed vegetation. Samples were collected in low spots and drainage areas in the proximity of the ramp, which were the most likely locations for accidental spills to have occurred.

Surface soil sampling and one soil boring were performed at this site. A total of three surface soil samples were collected from areas which may have been impacted by the release of PCBs. (Figure 27-1). Two of the samples were collected from drainage ditches located downgradient from Building 325. The third surface soil sample was collected next to the steps of the loading ramp at Building 325. The soil boring was performed in a potential run-off area next to the loading ramp to Building 325. The rationale for selecting the sample locations is provided in Table 27-1.

The results of the laboratory analyses are presented in Tables 27-2 through 27-7. These results were compared to the NYSDEC TAGMs and the Industrial PRGs. The results of the comparisons are given below.

Comparison to TAGM:

- Two volatile organic compounds were found in the soil at SEAD-121B, however, their concentrations were all below their respective TAGMs. The two compounds were acetone and toluene. These two compounds are common laboratory contaminants. Toluene was detected in all of the soil samples.
- The semivolatile organic compounds found in the soil samples consisted mostly of PAHs, however, one phthalate was also found in the soil samples. Seven of the PAH compounds exceeded their respective TAGMs in the soil samples collected from the site. The maximum exceedences for the PAHs were as follows: dibenz(a,h)anthracene (150 times); benzo(b)pyrene (149 times); benzo(a)anthracene (42 times); chrysene (30 times); benzo(b)fluoranthene (9 times); benzo(k)fluoranthene (8.8 times); and indeno(1,2,3-cd)pyrene (2 times).
- One PCB compound was found in the soils at SEAD-121B, however the concentration was below the TAGM.
- TPH were found in three soil samples at concentrations above the detection limit. Concentrations of TPH ranged from 109 mg/kg to 1360 mg/kg. No TAGM has been established for TPH.

Comparison to Industrial PRGs:

- No Industrial PRGs were exceeded in the soil samples for the volatiles and PCBs analyses. The semivolatile, benzo(a)pyrene, exceeded the Industrial PRG in three of the soil samples and the exceedences were between 1.9 times and 11.0 times the PRG. Benzo(a)anthracene, Benzo(b)fluoranthene, and Dibenzo(a,h)anthracene were found in one sample, SS121B-3 (0 to 0.2 feet) above the PRG.

Recommendation: Based on professional judgment, and as indicated at Decision No. D in the Decision Criteria Flowchart, it is recommend that additional soil sampling be performed to determine the extent of the impacts from semivolatiles at SEAD-121B. The results of this investigation indicate that a release has occurred at the site as evidenced by the presence of PAHs.

28.0 SEAD-121C - DRMO YARD

28.1 SITE INFORMATION

This parcel is associated with the DRMO yard to the west of Building 360 (Figure 28-1). Interviews revealed that hazardous materials such as solvents and PCB oil have been dumped in this area.

The purpose of the investigation was to determine if surface and subsurface soils as well as groundwater have been impacted by the dumping that occurred in this area (the locations of these samples were not based upon the results of the geophysical survey). The constituents of concern are volatile organics, semivolatile organics, TPH, metals, and pesticides/PCBs.

28.2 INVESTIGATION SUMMARY

The site is comprised of a triangularly shaped gravel lot located in the eastern portion of the Depot (Figure 28-1). Building 360 and the entrance gate are located on the eastern side of the area. Building T-355 is located in the central part of the yard and is used for storage. The south and northwest perimeters are fenced with adjacent drainage ditches outside the fences. The surface is graded to allow surface water to drain toward the ditches. Interviews with Depot personnel and review of aerial photographs indicate a history of rapid turnaround of material and vehicles stored in this area. At the time of this investigation, vehicles including military trailers, trucks, and heavy equipment were parked along the south and northwest fences and in the central area. A 70-foot by 20-foot concrete barrier containment area was located at the southwest corner of the site and was filled with material scraped from the north end of the yard. This material consisted of dirt and gravel with scrap metal, wood debris, ordnance components, batteries, tiles, oil filters, auto parts, paint cans, and other debris. Several days later this debris was returned to the north side of the yard. Aerial photographs show that this area was used for the storage of old tires. Storage cells made of concrete blocks were located in the northeastern portion of the site.

A total of four surface soil samples, four soil borings, and two monitoring wells were performed in areas that were suspected to be impacted (Figure 28-1). The surface soil samples were collected at locations downgradient of parking and storage areas and near the storage cells. One soil boring was performed along the northwest fence where surface water flows into a drainage ditch. The second soil boring was located near the storage cells and the third soil boring was located in the south west corner of Building T-355 where the spills may have occurred. The fourth soil boring was performed downgradient of the parking/storage area in the south west corner of the site. One monitoring well was located downgradient of surface water drainage and the containment area in the southwestern corner of the site. The second monitoring well was located downgradient of Building T-355 and the parking area. The rationale for selecting the sample locations is provided in Table 28-1.

The results of the laboratory analyses are presented in Tables 28-2 through 28-17. These results were compared to NYSDEC TAGMs and Industrial PRGs. The results of the comparisons are given below.

Comparison to TAGMs and GA Standards:

- No volatile organic compounds were found at concentrations above their respective TAGMs. The volatiles that were found included acetone, benzene, chloroform, and toluene.
- The semivolatile organic compounds detected in the soils on-site were mostly PAHs and phthalates. Four of these compounds were found at concentrations above their respective TAGMs. The maximum concentration of Dibenzo(a,h)anthracene was detected at 10.7 times the TAGM and the maximum concentration of Benzo(a)pyrene was detected at 6 times the TAGM. Benzo(a)anthracene and chrysene were detected slightly above their respective TAGMs.
- TPH were found in 12 soil samples at concentrations above the detection limit. Concentrations of TPH ranged from 18.5 mg/kg to 482 mg/kg. No TAGM has been established for TPH.
- Thirteen pesticide/PCB compounds were found in the soil samples at SEAD-121C, however, the detected concentrations were below their respective TAGMs.
- Thirteen metals exceeded their respective TAGMs in the soil samples. Exceedences were found in all the soil samples except SB121C-1 (0 to 0.2 feet) and SB121C-1 (2.5 to 3 feet). One exceedence was detected in the samples SB121C-3 (0 to 0.2 feet), SB121C-3 (2.5 to 3 feet), and SB121C-4 (0 to 0.2 feet). The maximum concentration of copper was detected at 295 times the TAGM and the maximum concentration of lead was detected at 216.4 times the TAGM.
- Five volatile organic compounds were found in the groundwater at SEAD-121C, however, their concentrations were all below their respective NYSDEC GA groundwater standards.
- There were eight semivolatile organic compounds detected in groundwater, however, all of their concentrations were below established NYSDEC GA groundwater standards.
- TPH was not detected in the groundwater samples.
- Nineteen pesticides were detected in the groundwater. No PCBs were detected. Seven pesticides were detected at concentrations above their respective NYSDEC GA groundwater standards. The maximum concentration of 4,4-DDD was 9 times the GA standard, the maximum concentration of Endrin was 7.1 times the GA standard, and the maximum concentration of 4,4-DDT was 5.6 times the GA standard.
- Three metals were detected in the groundwater at concentrations exceeding their respective NYSDEC GA standards. The metals are iron, manganese, and sodium.

Comparison to Industrial PRGs:

- In soil, the Industrial PRG for arsenic was the only PRG exceeded in the soil samples analyzed for volatile organics, semivolatile organics, metals, and pesticides/PCBs. Exceedences of arsenic were found in all the soil samples except SB121C-3 (0 to 0.2 feet) and SB121C-4 (0 to 0.2 feet). The concentrations for arsenic exceeded the PRG between 1.1 and 2.0 times. There is no Industrial PRG for lead, although three samples exceed the agreed upon screening value of 400 mg/Kg for residential land use. The maximum value was 12.7 times the screening level.
- In groundwater, one volatile organic compound (Chlorodibromomethane) and one semivolatile organic compound (hexachlorobutadiene) were found at concentrations that exceeded the Drinking Water PRG. Six pesticides (4,4-DDD, 4,4-DDE, 4,4-DT, Dieldrin, Heptachlor, and Heptachlor epoxide) were found at concentrations exceeding their respective Drinking Water PRG. Five metals (arsenic, barium, cadmium, chromium, and manganese) exceeded their respective Drinking Water PRGs.

Recommendation: Based on professional judgment, and as indicated at Decision No. D in the Decision Criteria Flowchart, it is recommend that additional soil and groundwater sampling be performed to determine the extent of the impacts from semivolatiles, pesticides, and metals at SEAD-121C. At this time, there are an insufficient number of data points to perform a Mini Risk Assessment.

29.0 SEAD-121D - BUILDING 306 AND 308 HAZARDOUS MATERIALS RELEASE

29.1 SITE INFORMATION

This parcel is associated with Building 306, an inspector's workshop, and Building 308, a boiler house (Figure 29-1). Records indicate that a 1,000-gallon fuel oil under ground storage tank (SRN 20) is located at Building 308. This tank has been in service since 1942. Interviews conducted during the 1995 EBS revealed that petroleum has been released in the area of Building 306. The interviews also revealed that paints and solvents have been stored in this building and may have been released.

The purpose of the investigation was to determine if surface and subsurface soils in the areas associated with Building 306 and Building 308 have been impacted. The constituents of concern are volatile organics, semivolatiles, and TPH.

29.2 INVESTIGATION SUMMARY

A visual inspection was conducted to identify sample locations. Building 308 is a small boiler plant located in the north west corner of the SEAD boundary. SEAD personnel provided information to locate the site of a removed UST on the north side of the building.

Building 306 is 155 feet long (north to south) with loading bays and platforms on the east and west sides. The building is 55 feet wide with a door on the north end. There are asphalt parking and loading areas (approximately 0.5 acre) on the east, north, and west sides of the building with a gravel railroad loading area off the south west corner of the building.

Recent rains showed runoff to be in a westerly direction from these loading areas. Surface and subsurface samples were collected off the edge of the asphalt in areas of stressed vegetation and low spots. No signs of staining were observed.

A total of three soil borings and two surface soil samples were performed at locations near the buildings suspected of being spill locations (Figure 29-1). Two soil borings were located downgradient of Building 306 in areas rumored to be spill locations and having stressed vegetation based on the visual inspection. One soil boring (SB121D-3) was conducted approximately 30 feet west of the former UST in a small surface depression. Two surface soil samples were collected near Building 306 in areas of stressed vegetation. The rationale for selecting the sample locations is provided in Table 29-1.

The results of the laboratory analyses are presented in Tables 29-2 through 29-5. These results were compared to NYSDEC TAGMs and Industrial PRGs. The results of the comparisons are given below.

Comparison to TAGMs:

- Five volatile organic compounds were found in the soil at SEAD-121D, however, their concentrations were all below their respective TAGMs. The five compounds were acetone, chloroform, methylene chloride, toluene, and xylene.
- Semivolatile organic compounds found in the soil samples consisted mostly of PAHs, however five phthalate compounds were also found in the samples. Four of the detected concentrations were above the TAGMs. The compounds Dibenz(a,h)anthracene (26.4 times), Benzo(a)pyrene (14.6 times), Benzo(a)anthracene (3.7 times), and Chrysene (2.5 times), and were detected above their respective TAGM values.

- TPH were found in five soil samples at concentrations above the detection limits. Concentrations of TPH ranged from 25.3 mg/kg to 359 mg/kg. No TAGM has been established for TPH.

Comparison to Industrial PRGs:

- No Industrial PRGs were exceeded in the soil samples analyzed for volatile organics. One semivolatile organic compound, Benzo(a)pyrene was detected at a concentration 1.1 times the Industrial PRG.

Recommendation: Based on professional judgment, and as outlined under Decision No. B in the Decision Criteria Flowchart, it is recommended that no further action be taken at this site.

30.0 SEAD-121E - BUILDING 127 UST PETROLEUM RELEASE

30.1 SITE INFORMATION

This parcel is associated with an underground storage tank and stained mound located near Building 127 (Figure 30-1). The tank (SRN 177) has a 12,000 gallon capacity and is used to store diesel fuel. It has been in service since 1985. A visual inspection of this tank during the 1995 EBS documented some discoloration of the concrete at the base of the pump. The visual inspection also noted an earthen mound with oil or hydraulic fluid staining to the southwest of Building 127.

The purpose of the investigation was to determine if surface and subsurface soils near the underground storage tank have been impacted by contaminants. The constituents of concern are volatile organics, semivolatile organics, lead, and TPH in soil.

30.2 INVESTIGATION SUMMARY

The site is located near the locomotive garage bay on the eastern portion of the Depot. (Figure 30-1). A small unnumbered building is located between the UST and the railroad tracks. The site is mostly paved with asphalt, with the exception of the area directly above the UST, the track bed, and a parking area in the southwestern portion of the site. This parking area is for tanker trucks that transport fuel from the UST to other locations on the Depot. The only signs of spills were small stains in the parking area.

A total of four soil samples were collected from two soil borings located near the UST. One soil boring was located north of the UST and the second soil boring was located to the west. The rationale for selecting the sample locations is provided in Table 30-1.

The results of the laboratory analyses are presented in Tables 30-2 and 30-5. These results were compared to NYSDEC TAGMs and Industrial PRGs. The results of the comparisons are given below.

Comparison to TAGMs:

- Five volatile organic compounds were detected in the soil at SEAD-121E, however, only one compound, acetone, was detected at a concentration above the TAGM. The exceedence was 2 times the TAGM value in SB121E-3 (5.1 to 5.5 feet).
- The semivolatile organic compounds found in the soil samples at SEAD-121E consisted mostly of PAHs, however six phthalate compounds were also found in the soil sample SB121E-2 (5.1 to 5.5 feet). Six of the detected concentrations were above the TAGMs primarily in the soil sample SB121E-1 (0 to 0.7 feet). The maximum concentrations of Dibenz(a,h)anthracene was detected at 63.6 times the TAGM; the maximum concentration of Benzo(a)pyrene was 59 times the TAGM; and the maximum concentration of Benzo(a)anthracene was 17.4 times the TAGM.
- Lead was detected in all four soil samples. The maximum concentration of lead exceeded the TAGM by 3.8 times.
- TPH were found in three soil samples at concentrations above the detection limit. Concentrations of TPH ranged from 172 mg/kg to 3780 mg/kg. No TAGM has been established for TPH.

Comparison to Industrial PRGs:

- No Industrial PRGs were exceeded in the soil samples analyzed for volatile organic compounds. The Industrial PRGs for Benzo(a)pyrene and Dibenz(a,h)anthracene were exceeded in one sample, SB121E-1(0 to 0.7 feet).
- There is no Industrial PRG for lead, although the site maximum value of 92.5 mg/Kg is significantly below the agreed upon screening level of 400 mg/Kg for residential land use.

Recommendation: Based on professional judgment, and as indicated at Decision No. D in the Decision Criteria Flowchart, it is recommend that additional surface soil sampling be performed to determine the extent of the impacts from semivolatile organic compounds and lead at SEAD-

121E. At this time, there are an insufficient number of data points to perform a Mini Risk Assessment.

31.0 SEAD-121F - BUILDING 135 STAINED SOIL

31.1 SITE INFORMATION

This parcel is associated with Building 135 (Figure 31-1). This building has been used for vehicle storage over the last 25 years. A visual inspection during the 1995 EBS documented that the dirt floor was extensively stained with oil, fuel, and hydraulic fluid. An interview for the 1995 EBS revealed that this building had been used for acid storage. This interview also documented the release of acids in the building.

The purpose of the investigation was to determine if surface soils within and immediately around the building have been impacted by contaminants. The constituents of concern are volatile organics, semivolatile organics, TPH, and lead in soil.

31.2 INVESTIGATION SUMMARY

This site is comprised of Building 135, which is an open garage type building with a gravel floor. Visual inspection of the building indicated that the gravel floor had extensive staining. Several pieces of equipment such as tractors, a lawn mower, a large generator, and various types of heavy machinery on pallets were stored in the building (Figure 31-1). Sorbent pillows, pallets of silica, construction materials, and hay were also stored in the building.

Three surface soil samples were collected from locations inside the building near areas of the most severe surface soil staining (Figure 31-1). The rationale for selecting the surface soil and soil boring locations is provided in Table 31-1.

The results of the laboratory analyses are presented in Tables 31-2 through 31-5. These results were compared to NYSDEC TAGMs and Industrial PRGs. The results of the comparisons are given below.

Comparison to TAGMs:

- Two volatile organic compounds, acetone and toluene, were detected in the soil samples. However, none of the concentrations of these volatiles were found above their respective TAGMs. Both acetone and toluene are potential laboratory contaminants.

- The semivolatile organic compounds detected in the samples included mostly PAHs and five phthalate compounds. Two of the PAHs, benzo(a)pyrene and dibenz(a)anthracene, exceeded their respective TAGMs in soil. The magnitudes of the two PAH exceedences were between 1.2 and 1.6 times in the samples.
- TPH were found in three soil samples at concentrations above the detection limit. Concentrations of TPH ranged from 290 mg/kg to 419 mg/kg. No TAGM has been established for TPH.
- Lead was detected at concentrations that exceeded the TAGM in one soil sample. The maximum concentration of lead was detected at 1.3 times the TAGM.

Comparison to Industrial PRGs:

- None of the concentrations of volatile organics and semivolatile organics exceeded established Industrial PRGs.
- There is no Industrial PRG for lead, although the site maximum value of 31.8 mg/Kg is significantly below the agreed upon screening value of 400 mg/Kg for residential land use.

Recommendation: Based on professional judgment, and as indicated at Decision No. B in the Decision Criteria Flowchart, it is recommend that no further action be taken at this site.

32.0 SEAD-121G - RUMORED COAL ASH DISPOSAL AREA

32.1 SITE INFORMATION

This parcel is associated with an area south of Building 123 that was rumored to have been used for coal ash disposal (Figure 32-1).

The purpose of the investigation was to determine the location of the coal ash disposal areas reported to be south of Building 123 in an area that is now utilized partially as a playground and to determine if soil in this area has been impacted by coal ash. In addition, geophysics were used to determine the location of any anomalies to be investigated. The constituents of concern are semivolatiles and metals in soil.

32.2 INVESTIGATION SUMMARY

This site is the playground on the eastern portion of the Depot in the Administrative Area (Figure 32-1). SEDA personnel indicated that areas directly under the playground equipment (jungle gym and slide) were the location of the coal ash disposal areas. Sand had been placed

underneath the equipment. Ash was visible in the ruts of the drill rig. Based upon the soil sampling, the disposal of ash took place over a period of time. Ash appeared in veins in the split spoon samples from approximately 0.5 inches to one foot.

An EM-31 survey was performed over those areas of SEAD-121G that were accessible. These included a 400 foot by 500 foot area located east of Administration Avenue and south of South Avenue, and a 350 foot by 400 foot area south of the maintenance area parking pad (Figure 32-2).

The EM-31 survey was performed by collecting EM measurements every one second along parallel, north-south oriented survey lines. These lines were spaced 20 feet apart. The local grid system that was used to reference the EM-31 survey was surveyed and referenced to the New York State Plane coordinate system. Once the EM-31 data were collected, they were corrected for instrument drift using instrument function check data that were collected before and after the survey. Finally, the data were reduced to produce pseudo-color maps of the measured EM responses. These maps are presented in Figure 32-2 and 32-3. Figure 32-2 shows the measured apparent ground conductivity and Figure 32-3 shows the in-phase response. In each figure, the range of measured values has been mapped to an arbitrary color scale, which was chosen to highlight the variations observed in the EM data.

Several localized, high amplitude anomalies are visible in the apparent ground conductivity data and the in-phase response data in the northwest portion of the site (the area of the playground). These are all associated with metallic objects in the playground. Though not all of these localized anomalies occur immediately adjacent to a mapped metallic object (each "X" in the figures represents the location of a metallic surface object), most of the surface objects are large in size (only the center of the objects are mapped), and some objects were not mapped because they did not obstruct a survey line.

A large area, low amplitude anomaly is observed in the apparent ground conductivity data in the central and south-central portion of the playground area (Figure 32-3). This anomaly is interpreted as an area having a slightly different near-surface soil make-up. Possible causes of this anomaly include elevated soil moisture content (the survey was performed in early spring, and groundwater may have been pooled in a topological low area), or the presence of slightly conductive material. The slightly conductive material could be a concentration of soils with naturally occurring high conductivity, or it could be due to buried coal ash. Since it is possible for the coal ash to have high concentrations of inorganic elements, and/or for the porosity of the coal ash to be such that it will have a higher moisture content, there is a good probability that this anomaly is associated with the disposed coal ash. There is no evidence of this large area,

low amplitude anomaly in the in-phase data. This is to be expected as the in-phase response is very sensitive to smaller objects with high metal content and is typically insensitive to broad, low-level apparent ground conductivity anomalies.

No prominent EM anomalies are visible in either the apparent ground conductivity data or in the in-phase response data in the southeastern portion of the site. A linear anomaly of high apparent ground conductivity and high in-phase response measurements is visible along the northern boundary of the this area, and is associated with anthropogenic features. A single, localized, small amplitude anomaly is visible near the center of the northern boundary of this area, and is presumably associated with a small buried metallic object. This anomaly is expected to be shallow (due to its small area extent) and small (due to its low amplitude). This anomaly is interpreted to be an object that is smaller than a 55 gallon drum.

Four soil samples were collected from two soil borings performed on the eastern edge and in the center of the rumored ash disposal area. The locations were recommended by SEDA personnel (Figure 32-1). The rationale for selecting the soil boring locations is provided in Table 32-1.

The results of the laboratory analyses are presented in Tables 32-2 through 32-5. These results were compared to NYSDEC TAGMs and Residential PRGs. The results of the comparisons are given below.

Comparison to TAGMs:

- The semivolatile organic compounds detected in the soils were mostly PAHs and four phthalates. Six of these compounds were found at concentrations above their respective TAGMs. Most of the exceedences were found in soil sample SB121G-2(0 to 0.2 feet). The maximum concentration of Diben(a,h)anthracene was 30.7 times the TAGM and the maximum concentration of Benzo(a)pyrene was 24.6 times the TAGM.
- Lead and thallium were found at concentrations above their respective TAGMs. The maximum concentration of both lead and thallium was 1.9 times the respective TAGM.

Comparison to Residential PRGs:

- None of the concentrations of semivolatile organic compounds and metals found in the soil exceeded the Residential PRGs.
- There is no Residential PRG for lead, although the site maximum value of 45.9 mg/Kg is significantly below the agreed upon screening value of 400 mg/Kg for residential land use.

Recommendation: Based on professional judgment, it is recommended that no further action be taken for SEAD-121G, as outlined under Decision No. B in the Decision Criteria Flowchart.

33.0 SEAD-121H - RUMORED COAL DISPOSAL AREA

33.1 SITE INFORMATION

This parcel is associated with an area near Building S-131 where coal was stored (Figure 33-1). The purpose of the investigation was to identify the location of the coal storage areas and to determine if subsurface soils in the area have been impacted by contaminants. The constituents of concern are semivolatile organics and metals.

33.2 INVESTIGATION SUMMARY

SEDA personnel indicated that the site is located in the eastern portion of the Depot (Figure 33-1). The site is comprised of a salt storage dome located northeast of Building 128. The dome was filled with salt and sampling was restricted to the outside perimeter of the structure. Visual inspection of the site did not indicate any signs of coal. Soil samples were collected on opposite sides of the dome.

A total of four soil samples were collected from two soil borings at locations on the northeastern and southern perimeter of the storage dome. The rationale for selecting the sample locations is provided in Table 33-1.

The results of the laboratory analyses are presented in Tables 33-2 through 33-4. These results were compared to NYSDEC TAGMs and Industrial PRGs. The results of the comparisons are given below.

Comparison to TAGMs:

- The semivolatile organic compounds found in the soil samples consisted mostly of PAHs however four phthalates were also found in the samples. None of the detected concentrations were above the TAGMs.
- Two metals, calcium and sodium, exceeded their respective TAGMs. Calcium exceeded the TAGM in two sample locations. Sodium exceeded in all the sample locations.

Comparison to Industrial PRGs:

- No Industrial PRGs were exceeded in the soil samples analyzed for semivolatile organics. The maximum concentration of arsenic was 1.1 times the Industrial PRG.

Recommendation: Based on professional judgment, it is recommended that no further action be taken for SEAD-121H, as outlined under Decision No. B in the Decision Criteria Flowchart.

34.0 SEAD-121I - RUMORED COSMOLINE OIL DISPOSAL AREA

34.1 SITE INFORMATION

This parcel is associated with four rectangular grassy areas between two rows of warehouse buildings between Avenues C and D (Figure 34-1). It was reported that upon receipt of machinery that was packed in Cosmoline (oil), the oil from the packing was dumped in the rectangular grassy areas outside of the warehouses between Avenues C and D and 3rd Street and 7th Street. Also, some of this oil may have been washed down storm drains in this area.

The purpose of the investigation was to determine if soils in the four areas have been impacted by contaminants and if sediment from two storm drains that are located in areas which may have received sediment (run-off) from any of these areas have also been impacted. The constituents of concern are semivolatile organics and TPH.

34.2 INVESTIGATION SUMMARY

The sampling locations were based on possible loading and unloading sites near adjacent warehouses.

The field program included the collection of four surface soil samples and two sediment samples. One surface soil sample was collected from depressed areas in each of the four rectangular areas. One sediment sample was collected from a drainage culvert downgradient of the materials staging area between Building 343 and Building 331. The second sediment sample was collected from a drainage culvert downgradient of the staging area between Building 329 and 341. The rationale for choosing these sample locations is provided in Table 34-1.

The results of the laboratory analyses are presented in Tables 34-2 and 34-7. These results were compared to NYSDEC TAGMs, NYS sediment criteria, and Industrial PRGs. No PRGs have been established for sediment. The results of the comparisons are given below.

Comparison to Soil TAGMs and Sediment Criteria:

- The semivolatile compounds detected were mostly PAHs and one phthalate. Seven semivolatile organic compounds exceeded their respective TAGMs in the soil samples. The maximum concentration of Dibenz(a,h)anthracene was 328.6 times the TAGM; the maximum concentration of Benzo(a)pyrene was 213 times the TAGM; and the maximum concentration of Benzo(a)anthracene was 58 times the TAGM.
- TPH were found in three soil samples at concentrations above the detection limit. Concentrations of TPH ranged from 43.9 mg/kg to 452 mg/kg. There is no TAGM for TPH.
- Six semivolatile organic compounds were found at concentrations above their respective NYS sediment criteria. The maximum concentration of Chrysene was 19.2 times the NYS criteria; the maximum concentration of Benzo(k)fluoranthene was 17.7 times the NYS criteria; and the maximum concentration of Benzo(b)fluoranthene was 16.9 times the criteria.
- TPH were found in both the sediment samples. The concentrations ranged from 136 mg/kg to 370 mg/kg. There is no NYS sediment criteria for TPH.

Comparison to Industrial PRGs:

- Five of the concentrations of semivolatile organics exceeded their respective Industrial PRGs in the soil samples. Benzo(a)pyrene was detected at concentrations exceeding the Industrial PRG in all four soil samples. The remaining semivolatile organic compounds exceedences were found in one soil sample, SS121I-2.
- No Industrial PRGs have been established for sediment.

Recommendation: Based on professional judgment, and as indicated at Decision No. D in the Decision Criteria Flowchart, it is recommend that additional soil sampling be performed to determine the extent of the impacts from semivolatiles. At this time, there are an insufficient number of data points to perform a Mini Risk Assessment.

References

Environmental Products & Services, January 1998, Underground Storage Tank Closure Report.

NYSDEC, 1996, Groundwater Monitoring Well Decommissioning Procedures, Division of Environmental Remediation (May 1995, revised October 1996).

NYSDEC February 11, 1998 letter to Seneca Army Depot regarding Spill No. 9709544 - Building 732, Spill No. 9712296 - Building 816, Spill No. 9712297 - Building 812, and Spill No. 9712298 - Building 747.

Parsons ES, 1995, Generic Installation Remedial Investigation/Feasibility Study (RI/FS) Workplan for Seneca Army Depot Activity.

Woodward Clyde Federal Services, 1996a, U.S. Army Base Realignment and Closure Program, Environmental Baseline Survey Report, Seneca Army Depot Activity, New York, Draft Final.

Woodward Clyde Federal Services, 1996b, U.S. Army Base Realignment and Closure Program, Sampling and Analysis Recommendations, Seneca Army Depot, New York

TABLES

SEAD-122A
Skeet/Trap Range

Table 3-1

Sample Collection Information
SEAD-122A - Skeet/Trap Range

12 Priority EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SURFACE SOIL	SS122A-1	EB130	3/8/98	0.0	0.2	SA	Immediate downrange location at 125 ft. If short range target was launched it would be left of center to avoid hitting target launch site.
SURFACE SOIL	SS122A-2	EB131	3/8/98	0.0	0.2	SA	Moderate downrange location at 175 ft. Likely location for lead pellet shot at low flying targets.
SURFACE SOIL	SS122A-3	EB132	3/8/98	0.0	0.2	SA	Location downrange at 200 ft. It was chosen due to presence of clay target fragments and slightly stressed vegetation.
SURFACE SOIL	SS122A-4	EB133	3/8/98	0.0	0.2	SA	Location is 250 ft downrange and is likely lead pellet landing area.
SURFACE SOIL	SS122A-5	EB134	3/8/98	0.0	0.2	SA	Location is 300 ft downrange and is likely lead pellet landing area.

Notes:

SA = Sample

Table 3-2
122A - Lead in Soil vs TAGMS
Non-Evaluated EBS Sites

SITE:
LOC ID:
DESCRIPTION:

SAMP ID:
QC CODE:
SAMP. DETH TOP:
SAMP. DEPTH BOT:

MATRIX:
SAMP. DATE:

SEAD-122A
SS122A-1
Skeet/Trap
Range
EB130
SA

SEAD-122A
SS122A-2
Skeet/Trap
Range
EB131
SA

SEAD-122A
SS122A-3
Skeet/Trap
Range
EB132
SA

SEAD-122A
SS122A-4
Skeet/Trap
Range
EB133
SA

SEAD-122A
SS122A-5
Skeet/Trap
Range
EB134
SA

0
0.2

0
0.2

0
0.2

0
0.2

0
0.2

FREQUENCY
OF
MAXIMUM DETECTION

NUMBER ABOVE
NUMBER OF
NUMBER OF
SOIL
8-Mar-98

SOIL
8-Mar-98

SOIL
8-Mar-98

SOIL
8-Mar-98

SOIL
8-Mar-98

PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECT	NUMBER OF ANALYSES	SOIL VALUE	Q	SOIL VALUE	Q	SOIL VALUE	Q	SOIL VALUE	Q	SOIL VALUE	Q
Aluminum	MG/KG	19520		1053000														
Antimony	MG/KG	6		421														
Arsenic	MG/KG	8.9		46														
Barium	MG/KG	300		73702														
Beryllium	MG/KG	1.13		16														
Cadmium	MG/KG	2.46		526														
Calcium	MG/KG	125300																
Chromium	MG/KG	30		1052885														
Cobalt	MG/KG	30		63173														
Copper	MG/KG	33		42115														
Cyanide	MG/KG	0.35																
Iron	MG/KG	37410		315865														
Lead	MG/KG	134	100.00%	24.4		3	5	5	37.7 *		24.2 *		22.7 *		134 *		41.2 *	
Magnesium	MG/KG	21700																
Manganese	MG/KG	1100		24216														
Mercury	MG/KG	0.1		316														
Nickel	MG/KG	50		21058														
Potassium	MG/KG	2623																
Selenium	MG/KG	2		5264														
Silver	MG/KG	0.8		5264														
Sodium	MG/KG	188																
Thallium	MG/KG	0.855		84														
Vanadium	MG/KG	150		7370														
Zinc	MG/KG	115		315865														

Table 3-3
122A - Lead in Soil vs PRG-RECs
Non-Evaluated EBS Sites

SITE	SEAD-122A	SEAD-122A	SEAD-122A	SEAD-122A	SEAD-122A
LOC ID	SS122A-1	SS122A-2	SS122A-3	SS122A-4	SS122A-5
DESCRIPTION	Skeet/Trap	Skeet/Trap	Skeet/Trap	Skeet/Trap	Skeet/Trap
SAMP ID	Range	Range	Range	Range	Range
QC CODE	EB130	EB131	EB132	EB133	EB134
SAMP DETH TOP	SA	SA	SA	SA	SA
SAMP DEPTH BOT	0	0	0	0	0
MATRIX	0.2	0.2	0.2	0.2	0.2
SAMP DATE	SOIL	SOIL	SOIL	SOIL	SOIL
	8-Mar-98	8-Mar-98	8-Mar-98	8-Mar-98	8-Mar-98
	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	NUMBER ABOVE TAGM	NUMBER OF DETECTS
	0	5	5	0	5
	PRG	PRG_REC	PRG_REC	PRG	PRG_REC
	1053000	1053000	1053000	1053000	1053000
PARAMETER	UNIT	TAGM	PRG_REC	VALUE	Q
Aluminum	MG/KG	19520	1053000		
Antimony	MG/KG	6	421		
Arsenic	MG/KG	8.9	46		
Barium	MG/KG	300	73702		
Beryllium	MG/KG	1.13	16		
Cadmium	MG/KG	2.46	526		
Calcium	MG/KG	125300			
Chromium	MG/KG	30	1052885		
Cobalt	MG/KG	30	63173		
Copper	MG/KG	33	42115		
Cyanide	MG/KG	0.35			
Iron	MG/KG	37410	315865		
Lead	MG/KG	24.4		37.7 *	24.2 *
Magnesium	MG/KG	21700			22.7 *
Manganese	MG/KG	1100	24216		134 *
Mercury	MG/KG	0.1	316		41.2 *
Nickel	MG/KG	50	21058		
Potassium	MG/KG	2623			
Selenium	MG/KG	2	5264		
Silver	MG/KG	0.8	5264		
Sodium	MG/KG	188			
Thallium	MG/KG	0.855	84		
Vanadium	MG/KG	150	7370		
Zinc	MG/KG	115	315865		

SEAD-122B

Building 2302 Small Arms Range

Table 4-1

Sample Collection Information
SEAD-122B - Building 2302 Small Arms Range

12 Priority EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SURFACE SOIL	SS122B-1	EB125	3/8/98	0.0	0.2	SA	Range 1: Immediate downrange location two feet in front concrete pad at shooting lane #10. This is a likely location for firearm discharge.
SURFACE SOIL	SS122B-2	EB126	3/9/98	0.0	0.2	SA	Range 1 : Downrange berm location 187 feet in front of shooting concrete pad at lane #4. This is an impact point for bullets.
SURFACE SOIL	SS122B-3	EB127	3/8/98	0.0	0.2	SA	Range 1 : Downrange berm location 187 feet in front of shooting concrete pad at lane #12. This is an impact point for bullets.
SURFACE SOIL	SS122B-4	EB128	3/8/98	0.0	0.2	SA	Range 2 : Downrange berm location at left shooting lane. Impact area for bullets.
SURFACE SOIL	SS122B-5	EB129	3/8/98	0.0	0.2	SA	Range 2 : Downrange berm location at right shooting lane. Impact area for bullets.
SURFACE SOIL	SS122B-2	EB015	3/9/98	0.0	0.2	DU	Not Applicable
WATER	SS122B-1	EB018	3/9/98	0.0	0.0	RB	Not Applicable

Notes

SA = Sample

DU = Duplicate

RB = Rinse Blank

Table 4-2
122B - Metals in Soil vs TAGMs
Non-Evaluated EBS Sites

SITE:
LOC ID:
DESCRIPTION:

SAMP ID:
QC CODE:
SAMP. DETH TOP.
SAMP. DEPTH BOT:
MATRIX:
SAMP. DATE:

SEAD-122B	SEAD-122B	SEAD-122B	SEAD-122B	SEAD-122B	SEAD-122B
SS122B-1	SS122B-2	SS122B-3	SS122B-4	SS122B-5	SS122B-2
Bldg. 2302	Bldg. 2302	Bldg. 2302	Bldg. 2302	Bldg. 2302	Bldg. 2302
Small Arms	Small Arms	Small Arms	Small Arms	Small Arms	Small Arms
Range	Range	Range	Range	Range	Range
EB125	EB126	EB127	EB128	EB129	EB015
SA	SA	SA	SA	SA	DU
0	0	0	0	0	0
0.2	0.2	0.2	0.2	0.2	0.2
SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
8-Mar-98	9-Mar-98	8-Mar-98	8-Mar-98	8-Mar-98	9-Mar-98

PARAMETER	UNIT	FREQUENCY OF		TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SOIL 8-Mar-98		SOIL 9-Mar-98		SOIL 8-Mar-98		SOIL 8-Mar-98		SOIL 8-Mar-98		SOIL 9-Mar-98	
		MAXIMU	DETECTION						VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Aluminum	MG/KG	6910.0	100.00%	19520	1053000	0	6	6	6910	4550	4270	2660	4320	4720						
Antimony	MG/KG	393.0	200.00%	6	421	3	6	3	3.2 B*	24.1 *	226 *	3.5 B*	3.6 B*	393 *						
Arsenic	MG/KG	117.0	100.00%	8.9	46	2	6	6	3.6 N*	8.4 N*	39.6 N*	2.3 N*	3.6 N*	117 N*						
Barium	MG/KG	107.0	100.00%	300	73702	0	6	6	107	25 B	25.5 B	13.6 B	25.9 B	25.2 B						
Beryllium	MG/KG	0.2	100.00%	1.13	16	0	6	6	0.2 B	0.11 B	0.09 B	0.04 B	0.06 B	0.12 B						
Cadmium	MG/KG	1.1	33.33%	2.46	526	0	2	6	1.1	0.06 U	0.07 U	0.06 U	0.07 U	0.18 B						
Calcium	MG/KG	54800.0	100.00%	125300		0	6	6	54800	31100	37000	26000	22400	34600						
Chromium	MG/KG	69.8	100.00%	30	1052885	1	6	6	11.4 *	8.4 *	9.4 *	3.1 *	4.6 *	69.8 *						
Cobalt	MG/KG	6.6	100.00%	30	63173	0	6	6	6.6 B	4.2 B	4 B	2.3 B	2.9 B	4.1 B						
Copper	MG/KG	380.0	100.00%	33	42115	6	6	6	81.3 N*	121 N*	380 N*	114 N*	156 N*	380 N*						
Cyanide	MG/KG	0.8	16.67%	0.35		1	1	6	0.75	0.6 U	0.61 U	0.57 U	0.62 U	0.6 U						
Iron	MG/KG	12900.0	100.00%	37410	315865	0	6	6	12900	8740	8550	4940	6430	8970						
Lead	MG/KG	42900.0	100.00%	24.4		6	6	6	52.5 *	426 *	3070 *	69 *	188 *	429 *						
Magnesium	MG/KG	15100.0	100.00%	21700		0	6	6	15100	10700	11300	6340	8690	10300						
Manganese	MG/KG	379.0	100.00%	1100	24216	0	6	6	379	332	306	231	353	290						
Mercury	MG/KG	0.0	0.00%	0.1	316	0	0	6	0.05 U	0.04 U	0.05 U	0.05 U	0.06 U	0.05 U						
Nickel	MG/KG	15.3	100.00%	50	21058	0	6	6	15.3	7.3 B	8.4 B	4.1 B	5.5 B	8.6 B						
Potassium	MG/KG	1180.0	100.00%	2623		0	6	6	1180	975 B	799 B	506 B	634 B	989 B						
Selenium	MG/KG	0.0	0.00%	2	5264	0	0	6	0.95 U	0.93 U	1 U	1 U	1.1 U	1 U						
Silver	MG/KG	1.4	33.33%	0.8	5264	2	2	6	0.42 U	0.41 U	0.32 B	0.45 U	0.47 U	1.4 B						
Sodium	MG/KG	0.0	0.00%	188		0	0	6	122 U	120 U	133 U	131 U	136 U	134 U						
Thallium	MG/KG	0.0	0.00%	0.855	84	0	0	6	1.3 U	1.2 U	1.4 U	1.4 U	1.4 U	139 U						
Vanadium	MG/KG	12.0	100.00%	150	7370	0	6	6	12	9.7 B	7.7 B	5.1 B	6.7 B	8.8 B						
Zinc	MG/KG	96.5	100.00%	115	315865	0	6	6	55.9 *	48.9 *	96.5 *	34 *	44.5 *	70 *						

Table 4-3
122B - Metals in Soil vs PRG-RECs
Non-Evaluated EBS Sites

SAMP ID	QC CODE	SAMP DETH TOP	SAMP DEPTH BOT	MATRIX	SAMP DATE	REQUENCY OF		PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SOIL 8-Mar-98		SOIL 9-Mar-98		SOIL 8-Mar-98		SOIL 8-Mar-98		SOIL 8-Mar-98	
						AXIMU	DETECTIO					TAGM	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE
Aluminum	MG/KG	6910	100.00%	19520	1053000	0	6	6	6910		6	6910	4550	4270	2660	4320	4720				
Antimony	MG/KG	393	200.00%	6	421	0	6	3	3.2 B*		6	24.1 *	226 *	3.5 B*	3.6 B*	393 *					
Arsenic	MG/KG	117	100.00%	8.9	46	1	6	6	3.6 N*		6	8.4 N*	39.6 N*	2.3 N*	3.6 N*	117 N*					
Barium	MG/KG	107	100.00%	300	73702	0	6	6	107		6	25 B	25.5 B	13.6 B	25.9 B	25.2 B					
Beryllium	MG/KG	0.2	100.00%	1.13	16	0	6	6	0.2 B		6	0.11 B	0.09 B	0.04 B	0.06 B	0.12 B					
Cadmium	MG/KG	1.1	33.33%	2.46	526	0	2	6	1.1		6	0.06 U	0.07 U	0.06 U	0.07 U	0.18 B					
Calcium	MG/KG	54800	100.00%	125300	0	6	6	54800		6	31100	37000	26000	22400	34600						
Chromium	MG/KG	69.8	100.00%	30	1052885	0	6	6	11.4 *		6	8.4 *	9.4 *	3.1 *	4.6 *	69.8 *					
Cobalt	MG/KG	6.6	100.00%	30	63173	0	6	6	6.6 B		6	4.2 B	4 B	2.3 B	2.9 B	4.1 B					
Copper	MG/KG	380	100.00%	33	42115	0	6	6	81.3 N*		6	121 N*	380 N*	144 N*	156 N*	239 N*					
Cyanide	MG/KG	0.75	16.67%	0.35	0	1	6	6	0.75		6	0.6 U	0.61 U	0.57 U	0.62 U	0.6 U					
Iron	MG/KG	12900	100.00%	37410	315865	0	6	6	12900		6	8740	8550	4940	6430	8970					
Lead	MG/KG	42900	100.00%	24.4	0	6	6	6	52.5 *		6	4260 *	30700 *	690 *	1060 *	42900 *					
Magnesium	MG/KG	15100	100.00%	21700	0	6	6	15100		6	10700	11300	6340	8690	10300						
Manganese	MG/KG	379	100.00%	1100	24216	0	6	6	379		6	332	306	231	353	290					
Mercury	MG/KG	0	0.00%	0.1	316	0	0	6	0.05 U		6	0.04 U	0.05 U	0.05 U	0.06 U	0.05 U					
Nickel	MG/KG	15.3	100.00%	50	21058	0	6	6	15.3		6	7.3 B	8.4 B	4.1 B	5.5 B	8.6 B					
Potassium	MG/KG	1180	100.00%	2623	0	6	6	1180		6	975 B	799 B	506 B	634 B	989 B						
Selenium	MG/KG	0	0.00%	2	5264	0	0	6	0.95 U		6	0.93 U	1 U	1.1 U	1 U						
Silver	MG/KG	1.4	33.33%	0.8	5264	0	2	6	0.42 U		6	0.41 U	0.92 B	0.45 U	0.47 U	1.4 B					
Sodium	MG/KG	0	0.00%	188	0	0	6	122 U		6	120 U	133 U	131 U	136 U	134 U						
Thallium	MG/KG	0	0.00%	0.855	84	0	0	6	1.3 U		6	1.2 U	1.4 U	1.4 U	139 U						
Vanadium	MG/KG	12	100.00%	150	7370	0	6	6	12		6	9.7 B	7.7 B	5.1 B	6.7 B	8.8 B					
Zinc	MG/KG	96.5	100.00%	115	315865	0	6	6	55.9 *		6	48.9 *	96.5 *	34 *	44.5 *	70 *					

SEAD-122D

Hot Pad Spill

Table 6-1

Sample Collection Information
SEAD-122D - Hot Pad Spill

12 Priority EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	SB122D-1	EB201	3/5/98	0.0	0.2	SA	Location is a potential run-off area while plane was being refueled. Surface soil sample.
SOIL	SB122D-1	EB202	3/5/98	6.0	8.0	SA	Same location ID as above. Approx. mid-depth (near water table) sample chosen in bore hole because no VOC hits or other indications of impacts to soils.
SOIL	SB122D-2	EB203	3/5/98	0.0	0.2	SA	Location is a potential run-off area (low spot) while plane was being refueled. Stressed vegetation was also noted at this location. Surface soil sample.
SOIL	SB122D-2	EB204	3/5/98	8.0	10.0	SA	Same location ID as above. Approx. mid-depth (near water table) sample chosen in bore hole because of a 0.2 ppm PID reading in the saturated zone.

Notes:

SA = Sample

Table 6-2
122D - Volatiles in Soil vs TAGMs
Non-Evaluated EBS Sites

SITE DESCRIPTION		REQUENCY OF		NUMBER ABOVE		NUMBER OF		NUMBER OF		SOIL		SOIL		SOIL		SOIL	
LOC ID		TAGM		TAGM		DETECTS		ANALYSES		5-Mar-98		5-Mar-98		5-Mar-98		5-Mar-98	
SAMP ID		PRG		PRG		PRG		PRG		VALUE		VALUE		VALUE		VALUE	
QC CODE		PRG		PRG		PRG		PRG		Q		Q		Q		Q	
SAMP DEPTH TOP		PRG		PRG		PRG		PRG		Q		Q		Q		Q	
SAMP DEPTH BOT		PRG		PRG		PRG		PRG		Q		Q		Q		Q	
MATRIX		PRG		PRG		PRG		PRG		Q		Q		Q		Q	
SAMP DATE		PRG		PRG		PRG		PRG		Q		Q		Q		Q	
PARAMETER	UNIT	MAXIMU	DETECTIO	TAGM	PRG	NUMBER ABOVE	NUMBER OF	NUMBER OF	SOIL	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	UG/KG	0	0.00%	800	36850962	0	0	4	12 U	11 U		13 U		11 U		11 U	
1,1,2,2-Tetrachloroethane	UG/KG	0	0.00%	600	3439423	0	0	4	12 U	11 U		13 U		11 U		11 U	
1,1,2-Trichloroethane	UG/KG	0	0.00%		1206815	0	0	4	12 U	11 U		13 U		11 U		11 U	
1,1-Dichloroethane	UG/KG	0	0.00%	200	105288462	0	0	4	12 U	11 U		13 U		11 U		11 U	
1,1-Dichloroethene	UG/KG	0	0.00%	400	114647	0	0	4	12 U	11 U		13 U		11 U		11 U	
1,2-Dichloroethane	UG/KG	0	0.00%	100	105288462	0	0	4	12 U	11 U		13 U		11 U		11 U	
1,2-Dichloroethene (total)	UG/KG	0	0.00%			0	0	4	12 U	11 U		13 U		11 U		11 U	
1,2-Dichloropropane	UG/KG	0	0.00%		1011595	0	0	4	12 U	11 U		13 U		11 U		11 U	
Acetone	UG/KG	34	50.00%	200	105288462	0	2	4	12 U	34		13 U		11 U		18	
Benzene	UG/KG	0	0.00%	60	2372016	0	0	4	12 U	11 U		13 U		11 U		11 U	
Bromodichloromethane	UG/KG	0	0.00%		1109491	0	0	4	12 U	11 U		13 U		11 U		11 U	
Bromoform	UG/KG	0	0.00%		8707400	0	0	4	12 U	11 U		13 U		11 U		11 U	
Carbon disulfide	UG/KG	0	0.00%	2700	105288462	0	0	4	12 U	11 U		13 U		11 U		11 U	
Carbon tetrachloride	UG/KG	0	0.00%	600	529142	0	0	4	12 U	11 U		13 U		11 U		11 U	
Chlorobenzene	UG/KG	0	0.00%	1700	21057692	0	0	4	12 U	11 U		13 U		11 U		11 U	
Chlorodibromomethane	UG/KG	0	0.00%		818910	0	0	4	12 U	11 U		13 U		11 U		11 U	
Chloroethane	UG/KG	0	0.00%	1900	421153846	0	0	4	12 U	11 U		13 U		11 U		11 U	
Chloroform	UG/KG	0	0.00%	300	10528846	0	0	4	12 U	11 U		13 U		11 U		11 U	
Cis-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	4	12 U	11 U		13 U		11 U		11 U	
Ethyl benzene	UG/KG	0	0.00%	5500	105288462	0	0	4	12 U	11 U		13 U		11 U		11 U	
Methyl bromide	UG/KG	0	0.00%		1505625	0	0	4	12 U	11 U		13 U		11 U		11 U	
Methyl butyl ketone	UG/KG	0	0.00%			0	0	4	12 U	11 U		13 U		11 U		11 U	
Methyl chloride	UG/KG	0	0.00%		5291420	0	0	4	12 U	11 U		13 U		11 U		11 U	
Methyl ethyl ketone	UG/KG	0	0.00%	300		0	0	4	12 U	11 U		13 U		11 U		11 U	
Methyl isobutyl ketone	UG/KG	0	0.00%	1000	84230769	0	0	4	12 U	11 U		13 U		11 U		11 U	
Methylene chloride	UG/KG	0	0.00%	100	9171795	0	0	4	12 U	11 U		13 U		11 U		11 U	
Styrene	UG/KG	0	0.00%			0	0	4	12 U	11 U		13 U		11 U		11 U	
Tetrachloroethene	UG/KG	0	0.00%	1400	1322855	0	0	4	12 U	11 U		13 U		11 U		11 U	
Toluene	UG/KG	10	75.00%	1500	210576923	0	3	4	3 J	3 J		13 U		10 J		11 U	
Total Xylenes	UG/KG	0	0.00%	1200	2105769000	0	0	4	12 U	11 U		13 U		11 U		11 U	
Trans-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	4	12 U	11 U		13 U		11 U		11 U	
Trichloroethene	UG/KG	0	0.00%	700	6253497	0	0	4	12 U	11 U		13 U		11 U		11 U	
Vinyl chloride	UG/KG	0	0.00%	200	36204	0	0	4	12 U	11 U		13 U		11 U		11 U	

Table 6-3
122D - Volatiles in Soil vs PRG-RECs
Non-Evaluated EBS Sites

SITE DESCRIPTION		SEAD-122D Hot Pad Spill		SEAD-122D Hot Pad Spill		SEAD-122D Hot Pad Spill		SEAD-122D Hot Pad Spill								
LOC ID		SB122D-1		SB122D-1		SB122D-2		SB122D-2								
SAMP ID		EB201		EB202		EB203		EB204								
QC CODE		SA		SA		SA		SA								
SAMP DETH TOP		0		6		0		8								
SAMP DEPTH BOT		0.2		8		0.2		10								
MATRIX		SOIL		SOIL		SOIL		SOIL								
SAMP DATE		5-Mar-98		5-Mar-98		5-Mar-98		5-Mar-98								
PARAMETER	UNIT	FREQUENCY OF		TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SOIL		SOIL		SOIL		SOIL	
		MAXIMU	DETECTION						VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	UG/KG	0	0.00%	800	36850962	0	0	4	12 U	11 U	13 U	11 U	11 U			
1,1,2,2-Tetrachloroethane	UG/KG	0	0.00%	600	3439423	0	0	4	12 U	11 U	13 U	11 U	11 U			
1,1,2-Trichloroethane	UG/KG	0	0.00%		1206815	0	0	4	12 U	11 U	13 U	11 U	11 U			
1,1-Dichloroethane	UG/KG	0	0.00%	200	105288462	0	0	4	12 U	11 U	13 U	11 U	11 U			
1,1-Dichloroethene	UG/KG	0	0.00%	400	114647	0	0	4	12 U	11 U	13 U	11 U	11 U			
1,2-Dichloroethane	UG/KG	0	0.00%	100	105288462	0	0	4	12 U	11 U	13 U	11 U	11 U			
1,2-Dichloroethene (total)	UG/KG	0	0.00%			0	0	4	12 U	11 U	13 U	11 U	11 U			
1,2-Dichloropropane	UG/KG	0	0.00%		1011595	0	0	4	12 U	11 U	13 U	11 U	11 U			
Acetone	UG/KG	34	50.00%	200	105288462	0	2	4	12 U	34	13 U	18	11 U			
Benzene	UG/KG	0	0.00%	60	2372016	0	0	4	12 U	11 U	13 U	11 U	11 U			
Bromodichloromethane	UG/KG	0	0.00%		1109491	0	0	4	12 U	11 U	13 U	11 U	11 U			
Bromoform	UG/KG	0	0.00%		8707400	0	0	4	12 U	11 U	13 U	11 U	11 U			
Carbon disulfide	UG/KG	0	0.00%	2700	105288462	0	0	4	12 U	11 U	13 U	11 U	11 U			
Carbon tetrachloride	UG/KG	0	0.00%	600	529142	0	0	4	12 U	11 U	13 U	11 U	11 U			
Chlorobenzene	UG/KG	0	0.00%	1700	21057692	0	0	4	12 U	11 U	13 U	11 U	11 U			
Chlorodibromomethane	UG/KG	0	0.00%		818910	0	0	4	12 U	11 U	13 U	11 U	11 U			
Chloroethane	UG/KG	0	0.00%	1900	421153846	0	0	4	12 U	11 U	13 U	11 U	11 U			
Chloroform	UG/KG	0	0.00%	300	10528846	0	0	4	12 U	11 U	13 U	11 U	11 U			
Cis-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	4	12 U	11 U	13 U	11 U	11 U			
Ethyl benzene	UG/KG	0	0.00%	5500	105288462	0	0	4	12 U	11 U	13 U	11 U	11 U			
Methyl bromide	UG/KG	0	0.00%		1505625	0	0	4	12 U	11 U	13 U	11 U	11 U			
Methyl butyl ketone	UG/KG	0	0.00%			0	0	4	12 U	11 U	13 U	11 U	11 U			
Methyl chloride	UG/KG	0	0.00%		5291420	0	0	4	12 U	11 U	13 U	11 U	11 U			
Methyl ethyl ketone	UG/KG	0	0.00%	300		0	0	4	12 U	11 U	13 U	11 U	11 U			
Methyl isobutyl ketone	UG/KG	0	0.00%	1000	84230769	0	0	4	12 U	11 U	13 U	11 U	11 U			
Methylene chloride	UG/KG	0	0.00%	100	9171795	0	0	4	12 U	11 U	13 U	11 U	11 U			
Styrene	UG/KG	0	0.00%			0	0	4	12 U	11 U	13 U	11 U	11 U			
Tetrachloroethene	UG/KG	0	0.00%	1400	1322855	0	0	4	12 U	11 U	13 U	11 U	11 U			
Toluene	UG/KG	10	75.00%	1500	210576923	0	3	4	3 J	3 J	13 U	10 J	11 U			
Total Xylenes	UG/KG	0	0.00%	1200	2105769000	0	0	4	12 U	11 U	13 U	11 U	11 U			
Trans-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	4	12 U	11 U	13 U	11 U	11 U			
Trichloroethene	UG/KG	0	0.00%	700	6253497	0	0	4	12 U	11 U	13 U	11 U	11 U			
Vinyl chloride	UG/KG	0	0.00%	200	36204	0	0	4	12 U	11 U	13 U	11 U	11 U			

Table 6-4
122D - Semivolatiles/TPH in Soil vs TAGMs
Non-Evaluated EBS Sites

SITE DESCRIPTION LOC ID SAMP ID QC CODE SAMP DEPTH TOP SAMP DEPTH BOT MATRIX SAMP DATE	UNIT	FREQUENCY OF		TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-122D Hot Pad Spill SB122D-1 EB201 SA		SEAD-122D Hot Pad Spill SB122D-1 EB202 SA		SEAD-122D Hot Pad Spill SB122D-2 EB203 SA		SEAD-122D Hot Pad Spill SB122D-2 EB204 SA	
		MAXIMUM	DETECTION						SOIL	VALUE	Q	SOIL	VALUE	Q	SOIL	VALUE
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	10528846	0	0	4	77 U	74 U	69 U	73 U				
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	94759615	0	0	4	77 U	74 U	69 U	73 U				
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	93706731	0	0	4	77 U	74 U	69 U	73 U				
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	2866186	0	0	4	77 U	74 U	69 U	73 U				
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	105288462	0	0	4	190 U	180 U	170 U	180 U				
2,4,6-Trichlorophenol	UG/KG	0	0.00%	0	6253497	0	0	4	77 U	74 U	69 U	73 U				
2,4-Dichlorophenol	UG/KG	0	0.00%	400	3158654	0	0	4	77 U	74 U	69 U	73 U				
2,4-Dimethylphenol	UG/KG	0	0.00%	0	21057692	0	0	4	77 U	74 U	69 U	73 U				
2,4-Dinitrophenol	UG/KG	0	0.00%	200	2105769	0	0	4	190 U	180 U	170 U	180 U				
2,4-Dinitrotoluene	UG/KG	0	0.00%	0	2105769	0	0	4	77 U	74 U	69 U	73 U				
2,6-Dinitrotoluene	UG/KG	0	0.00%	1000	1052885	0	0	4	77 U	74 U	69 U	73 U				
2-Chloronaphthalene	UG/KG	0	0.00%	0	0	0	0	4	77 U	74 U	69 U	73 U				
2-Chlorophenol	UG/KG	0	0.00%	800	5264423	0	0	4	77 U	74 U	69 U	73 U				
2-Methylnaphthalene	UG/KG	0	0.00%	36400	0	0	0	4	77 U	74 U	69 U	73 U				
2-Methylphenol	UG/KG	0	0.00%	100	52644231	0	0	4	77 U	74 U	69 U	73 U				
2-Nitroaniline	UG/KG	0	0.00%	430	63173	0	0	4	190 U	180 U	170 U	180 U				
2-Nitrophenol	UG/KG	0	0.00%	330	0	0	0	4	77 U	74 U	69 U	73 U				
3,3'-Dichlorobenzidine	UG/KG	0	0.00%	0	152863	0	0	4	77 U	74 U	69 U	73 U				
3-Nitroaniline	UG/KG	0	0.00%	500	3158654	0	0	4	190 U	180 U	170 U	180 U				
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%	0	0	0	0	4	190 U	180 U	170 U	180 U				
4-Bromophenyl phenyl ether	UG/KG	0	0.00%	0	61067308	0	0	4	77 U	74 U	69 U	73 U				
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240	0	0	0	4	77 U	74 U	69 U	73 U				
4-Chloroaniline	UG/KG	0	0.00%	220	4211539	0	0	4	77 U	74 U	69 U	73 U				
4-Chlorophenyl phenyl ether	UG/KG	0	0.00%	0	0	0	0	4	77 U	74 U	69 U	73 U				
4-Methylphenol	UG/KG	0	0.00%	900	0	0	0	4	77 U	74 U	69 U	73 U				
4-Nitroaniline	UG/KG	0	0.00%	0	3158654	0	0	4	190 U	180 U	170 U	180 U				
4-Nitrophenol	UG/KG	0	0.00%	100	63173077	0	0	4	190 U	180 U	170 U	180 U				
Acenaphthene	UG/KG	0	0.00%	50000	0	0	0	4	77 U	74 U	69 U	73 U				
Acenaphthylene	UG/KG	0	0.00%	41000	0	0	0	4	77 U	74 U	69 U	73 U				
Anthracene	UG/KG	0	0.00%	50000	315865385	0	0	4	77 U	74 U	69 U	73 U				
Benzo[a]anthracene	UG/KG	0	0.00%	224	94231	0	0	4	77 U	74 U	69 U	73 U				
Benzo[a]pyrene	UG/KG	6	25.00%	61	94231	0	1	4	77 U	74 U	6 J	73 U				
Benzo[b]fluoranthene	UG/KG	7.2	25.00%	1100	94231	0	1	4	77 U	74 U	7.2 J	73 U				
Benzo[ghi]perylene	UG/KG	7.7	25.00%	50000	0	0	1	4	77 U	74 U	7.7 J	73 U				
Benzo[k]fluoranthene	UG/KG	4.7	25.00%	1100	942308	0	1	4	77 U	74 U	4.7 J	73 U				
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%	0	0	0	0	4	77 U	74 U	69 U	73 U				
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%	0	62535	0	0	4	77 U	74 U	69 U	73 U				
Bis(2-Chloroisopropyl)ether	UG/KG	0	0.00%	0	982692	0	0	4	77 U	74 U	69 U	73 U				
Bis(2-Ethylhexyl)phthalate	UG/KG	16	50.00%	50000	4913462	0	2	4	16 J	74 U	69 U	14 J				
Butylbenzylphthalate	UG/KG	5.9	25.00%	50000	210576923	0	1	4	77 U	5.9 J	69 U	73 U				
Carbazole	UG/KG	0	0.00%	0	3439423	0	0	4	77 U	74 U	69 U	73 U				
Chrysene	UG/KG	5.7	25.00%	400	9423077	0	1	4	77 U	74 U	5.7 J	73 U				
Di-n-butylphthalate	UG/KG	4.5	25.00%	8100	0	0	1	4	77 U	74 U	69 U	4.5 J				
Di-n-octylphthalate	UG/KG	140	50.00%	50000	21057692	0	2	4	77 U	74 U	140	11 J				
Dibenz[a,h]anthracene	UG/KG	0	0.00%	14	9423	0	0	4	77 U	74 U	69 U	73 U				
Dibenzofuran	UG/KG	0	0.00%	6200	9827	0	0	4	77 U	74 U	69 U	73 U				
Diethyl phthalate	UG/KG	17	100.00%	7100	842307692	0	4	4	11 JB	17 JB	9 JB	13 JB				
Dimethylphthalate	UG/KG	0	0.00%	2000	1053000000	0	0	4	77 U	74 U	69 U	73 U				
Ethylene Glycol	MG/KG	0	0.00%	0	2106000000	0	0	4	0	0	0	0				
Fluoranthene	UG/KG	4.4	25.00%	50000	42115385	0	1	4	77 U	74 U	4.4 J	73 U				
Fluorene	UG/KG	0	0.00%	50000	42115385	0	0	4	77 U	74 U	69 U	73 U				
Hexachlorobenzene	UG/KG	0	0.00%	410	42983	0	0	4	77 U	74 U	69 U	73 U				
Hexachlorobutadiene	UG/KG	0	0.00%	0	210577	0	0	4	77 U	74 U	69 U	73 U				
Hexachlorocyclopentadiene	UG/KG	0	0.00%	0	7370192	0	0	4	77 U	74 U	69 U	73 U				
Hexachloroethane	UG/KG	0	0.00%	0	1052885	0	0	4	77 U	74 U	69 U	73 U				
Indeno[1,2,3-cd]pyrene	UG/KG	6.6	25.00%	3200	94231	0	1	4	77 U	74 U	6.6 J	73 U				
Isophorone	UG/KG	0	0.00%	4400	0	0	0	4	77 U	74 U	69 U	73 U				
N-Nitrosodiphenylamine	UG/KG	0	0.00%	0	14038462	0	0	4	77 U	74 U	69 U	73 U				
N-Nitrosodipropylamine	UG/KG	0	0.00%	0	10000	0	0	4	77 U	74 U	69 U	73 U				

Table 6-4
122D - Semivolatiles/TPH in Soil vs TAGMs
Non-Evaluated EBS Sites

SITE DESCRIPTION LOC ID SAMP ID QC CODE SAMP DEPTH TOP SAMP DEPTH BOT MATRIX SAMP DATE	UNIT	FREQUENCY OF		TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-122D Hot Pad Spill SB122D-1 EB201 SA		SEAD-122D Hot Pad Spill SB122D-1 EB202 SA		SEAD-122D Hot Pad Spill SB122D-2 EB203 SA		SEAD-122D Hot Pad Spill SB122D-2 EB204 SA	
		MAXIMUM	DETECTION						SOIL	5-Mar-98	SOIL	5-Mar-98	SOIL	5-Mar-98	SOIL	5-Mar-98
		0	0 00%	13000	42115385	0	0	4	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Naphthalene	UG/KG	0	0 00%	200	526442	0	0	4	77 U		74 U		69 U		73 U	
Nitrobenzene	UG/KG	0	0 00%	1000	573237	0	0	4	77 U		74 U		69 U		73 U	
Pentachlorophenol	UG/KG	0	0 00%	50000		0	1	4	190 U		180 U		170 U		180 U	
Phenanthrene	UG/KG	4.3	25 00%	30	631730769	0	0	4	77 U		74 U		4.3 J		73 U	
Phenol	UG/KG	0	0 00%	0		0	0	4	77 U		74 U		69 U		73 U	
Propylene Glycol	MG/KG	0	0 00%	0		0	0	4								
Pyrene	UG/KG	4.4	25 00%	50000	31586538	0	1	4	77 U		74 U		4.4 J		73 U	
TPH	MG/KG	188	25 00%	0		0	1	4	16.5 U		17.4 U		188		17.1 U	
Alkanes - Unknown (total)	UG/KG	0	0 00%	0		0	0	4								

Table 6-5
122D - Semivolatiles/TPH in Soil vs PRG-RECs
Non-Evaluated EBS Sites

SITE		SEAD-122D		SEAD-122D		SEAD-122D		SEAD-122D				
DESCRIPTION		Hot Pad Spill		Hot Pad Spill		Hot Pad Spill		Hot Pad Spill				
LOC ID		SB122D-1		SB122D-1		SB122D-2		SB122D-2				
SAMP ID		EB201		EB202		EB203		EB204				
QC CODE		SA		SA		SA		SA				
SAMP DETH TOP		0		6		0		8				
SAMP DEPTH BOT		0.2		8		0.2		10				
MATRIX		SOIL		SOIL		SOIL		SOIL				
SAMP DATE		5-Mar-98		5-Mar-98		5-Mar-98		5-Mar-98				
PARAMETER	UNIT	FREQUENCY OF		NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	5-Mar-98		5-Mar-98		5-Mar-98	
		MAXIMU	DETECTION				TAGM	PRG	VALUE	Q	VALUE	Q
Naphthalene	UG/KG	0	0.00%	13000	42115385	0	0	4	77 U	74 U	69 U	73 U
Nitrobenzene	UG/KG	0	0.00%	200	526442	0	0	4	77 U	74 U	69 U	73 U
Pentachlorophenol	UG/KG	0	0.00%	1000	573237	0	0	4	190 U	180 U	170 U	180 U
Phenanthrene	UG/KG	4.3	25.00%	50000		0	1	4	77 U	74 U	4.3 J	73 U
Phenol	UG/KG	0	0.00%	30	631730769	0	0	4	77 U	74 U	69 U	73 U
Propylene Glycol	MG/KG	0	0.00%			0	0	4				
Pyrene	UG/KG	4.4	25.00%	50000	31586538	0	1	4	77 U	74 U	4.4 J	73 U
TPH	MG/KG								16.5 U	17.4 U	108	17.1 U
Alkanes - Unknown (total)	UG/KG											

SEAD-122E
Deicing Planes

Table 7-1

Sample Collection Information
SEAD-122E - Deicing Planes

12 Priority EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	SB122E-1	EB205	3/6/98	0.0	0.2	SA	South Pad : Location is a potential run-off area (i.e., low spot) on SW corner of asphalt deicing pad. Surface soil sample.
SOIL	SB122E-1	EB207	3/6/98	6.0	7.5	SA	Same location ID as above. Approx. mid-depth (near water table) sample chosen in bore hole because no VOC hits or other indications of impacts to soils.
SOIL	SB122E-2	EB208	3/6/98	0.0	0.2	SA	Center Pad : Location is a potential run-off area (i.e., low spot) on the NW corner of asphalt deicing pad. Surface soil sample.
SOIL	SB122E-2	EB209	3/6/98	2.0	2.3	SA	Same location ID as above. Approx. mid-depth (near water table) sample chosen in bore hole because no VOC hits or other indications of impacts to soils.
SOIL	SB122E-3	EB210	3/6/98	0.0	0.2	SA	North pad : Location is a potential run-off area (i.e., low spot) on west side of asphalt deicing pad. Surface soil sample.
SOIL	SB122E-3	EB211	3/6/98	2.0	2.5	SA	Same location ID as above. Approx. mid-depth (near water table) sample chosen in bore hole because no VOC hits or other indications of impacts to soils.
GROUND WATER	MW122E-1	EB122	3/8/98	9.5	9.5	SA	Location is a potential run-off area (i.e., low spot) on SW corner of asphalt deicing pad. Installed in same boring as SB122E-1 above.
GROUND WATER	MW122E-2	EB123	3/8/98	9.0	9.0	SA	Location is a potential run-off area (i.e., low spot) on NW corner of asphalt deicing pad. Installed in same boring as SB122E-2 above.

Table 7-1

Sample Collection Information
SEAD-122E - Deicing Planes

12 Priority EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
GROUND WATER	MW122E-3	EB124	3/8/98	8.5	8.5	SA	Location is a potential run-off area (i.e., low spot) on west side of asphalt deicing pad. Installed in same boring as SB122E-3 above.
WATER	SB122E	EB004	3/6/98	0.0	0.0	RB	Not Applicable
SOIL	SB122E	EB005	3/6/98	0.0	0.2	DU	Not Applicable
WATER	MW122E-1	EB010	3/8/98	0.0	0.0	RB	Not Applicable
WATER	MW122E-1	EB011	3/8/98	9.5	9.5	DU	Not Applicable

Notes:

SA - Sample
DU - Duplicate
RB - Rinsc Blank

Table 7-5
132E - Semivolatiles and Glycols in Groundwater vs DW Standards
Non Evaluated EBS Sites

SIH	DESCRIPTION	UNCL ID	QC CODE	SAMP D1 D1 (P)	SAMP D1 D1 (H)	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
	PARAMETER																				
1	1,2-Dichlorobenzene																				
2	1,2,4-Trichlorobenzene																				
3	1,4-Dichlorobenzene																				
4	2,4,6-Trichlorophenol																				
5	2,4-Dichlorophenol																				
6	2,4-Dimethylphenol																				
7	2,4-Dinitrophenol																				
8	2,4-Dinitrophenol																				
9	2,4-Dinitrophenol																				
10	2,4-Dinitrophenol																				
11	2,4-Dinitrophenol																				
12	2,4-Dinitrophenol																				
13	2,4-Dinitrophenol																				
14	2,4-Dinitrophenol																				
15	2,4-Dinitrophenol																				
16	2,4-Dinitrophenol																				
17	2,4-Dinitrophenol																				
18	2,4-Dinitrophenol																				
19	2,4-Dinitrophenol																				
20	2,4-Dinitrophenol																				
21	2,4-Dinitrophenol																				
22	2,4-Dinitrophenol																				
23	2,4-Dinitrophenol																				
24	2,4-Dinitrophenol																				
25	2,4-Dinitrophenol																				
26	2,4-Dinitrophenol																				
27	2,4-Dinitrophenol																				
28	2,4-Dinitrophenol																				
29	2,4-Dinitrophenol																				
30	2,4-Dinitrophenol																				
31	2,4-Dinitrophenol																				
32	2,4-Dinitrophenol																				
33	2,4-Dinitrophenol																				
34	2,4-Dinitrophenol																				
35	2,4-Dinitrophenol																				
36	2,4-Dinitrophenol																				
37	2,4-Dinitrophenol																				
38	2,4-Dinitrophenol																				
39	2,4-Dinitrophenol																				
40	2,4-Dinitrophenol																				
41	2,4-Dinitrophenol																				
42	2,4-Dinitrophenol																				
43	2,4-Dinitrophenol																				
44	2,4-Dinitrophenol																				
45	2,4-Dinitrophenol																				
46	2,4-Dinitrophenol																				
47	2,4-Dinitrophenol																				
48	2,4-Dinitrophenol																				
49	2,4-Dinitrophenol																				
50	2,4-Dinitrophenol																				

SEAD-123B

Building 716 and 717 Petroleum Releases

Table 9-1
 Sample Collection Information
 SEAD-123B - Building 716 and 717 Petroleum Releases
 12 Priority EBS Non-Evaluated Sites
 Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SURFACE SOIL	SS123B-1	EB139	3/9/98	0.0	0.2	SA	Location is next to building beneath "T" junction of 3-in steel pipe that runs from the pump house to the filling station. Nearby valves showed signs of past leakage.
SURFACE SOIL	SS123B-2	EB140	3/9/98	0.0	0.2	SA	Location is on south side of asphalt entrance way in low area that is downgradient of filling station. Downgradient location based on surface water flow patterns established by using a bucket filled with water.
SURFACE SOIL	SS123B-3	EB141	3/9/98	0.0	0.2	SA	Location is 20 ft south of the filling station area in an area that showed signs of stressed vegetation.
SOIL	SB123B-1	EB242	3/11/98	0.0	0.2	SA	Location is on south side of asphalt entrance way in low area that is downgradient of filling station. Downgradient location based on surface water flow patterns established by using a bucket filled with water.
SOIL	SB123B-1	EB245	3/11/98	2.6	2.9	SA	Same location ID as above. Approx. mid-depth (near water table) sample chosen in bore hole because no VOC hits or other indications of impacts to soils.
SOIL	SB123B-2	EB246	3/11/98	0.0	0.2	SA	Location is on south side of asphalt entrance way in low area that is downgradient of filling station. Downgradient location based on surface water flow patterns established by using a bucket filled with water.
SOIL	SB123B-2	EB243	3/11/98	3.2	3.5	SA	Same location ID as above. Approx. mid-depth sample chosen in bore hole (near water table) because no VOC hits or other indications of impacts to soils.

Table 9-1
 Sample Collection Information
 SEAD-123B - Building 716 and 717 Petroleum Releases
 12 Priority EBS Non-Evaluated Sites
 Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	SB123B-3	EB244	3/11/98	0.0	0.2	SA	Location is a potential run-off area (i.e., low spot) north of the filling station. Pooled water nearby. Surface soil sample.
SOIL	SB123B-3	EB247	3/11/98	2.6	2.9	SA	Same location ID as above. Approx. mid-depth (near water table) sample chosen in bore hole because no VOC hits or other indications of impacts to soils.
SEDIMENT	SD123B-1	EB137	3/9/98	0.0	0.2	SA	Location in drainage ditch 1 ft downstream of outfall pipe from Tank 188.
SEDIMENT	SD123B-2	EB138	3/9/98	0.0	0.2	SA	Location in drainage ditch 11 ft downstream of outfall pipe from Tank 188.
SOIL	SS123B-1	EB016	3/9/98	0.0	0.2	DU	Not Applicable
WATER	SS123B-1	EB017	3/9/98	0.0	0.0	RB	Not Applicable

Notes

SA - Sample

DU - Duplicate

RB - Rinse Blank

Table 9-2
123B - Volatiles in Soils vs TAGMs
Non-Evaluated EBS Sites

SITE DESCRIPTION		SEAD-123B Bldg 716 and 717 Petroleum Releases SB123B-1 EB242 SA	SEAD-123B Bldg 716 and 717 Petroleum Releases SB123B 1 EB245 SA	SEAD-123B Bldg 716 and 717 Petroleum Releases SB123B-7 EB246 SA	SEAD-123B Bldg 716 and 717 Petroleum Releases SB123B-2 EB243 SA	SEAD-123B Bldg 716 and 717 Petroleum Releases SB123B-3 EB244 SA	SEAD-123B Bldg 716 and 717 Petroleum Releases SS123B-3 EB247 SA	SEAD-123 Bldg 716 and 717 Petroleum Releases SS123B-1 EB016 DU	SEAD-123B Bldg 716 and 717 Petroleum Releases SS123B-1 EB139 SA												
LOC ID		0	26	0	32	0	26	0	0												
SAMP ID		0.2	2.9	0.2	3.5	0.2	2.9	0.2	0.2												
QC CODE																					
SAMP_DEPTH TOP																					
SAMP_DEPTH BOT																					
MATRIX		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL												
SAMP DATE		11-Mar-98	11-Mar-98	11-Mar-98	11-Mar-98	11-Mar-98	11-Mar-98	9-Mar-98	9-Mar-98												
PARAMETER	UNIT	AXIMU	FREQUENCY OF DETECTION	TAGM	PRG	NUMBFR ABOVE TAGM	NUMBER OF DETECTS	NUMBFR OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	
1,1,1-Trichloroethane	UG/KG	0	0.00%	800	2737500	0	0	10	11 U				12 U				12 U		13 U		13 U
1,1,2,2-Tetrachloroethane	UG/KG	0	0.00%	600	31938	0	0	10	11 U				12 U				12 U		13 U		13 U
1,1,2-Trichloroethane	UG/KG	0	0.00%		11706	0	0	10	11 U				12 U				12 U		13 U		13 U
1,1-Dichloroethane	UG/KG	0	0.00%	200	7821429	0	0	10	11 U				12 U				12 U		13 U		13 U
1,1-Dichloroethane	UG/KG	0	0.00%	400	1065	0	0	10	11 U				12 U				12 U		13 U		13 U
1,2-Dichloroethane	UG/KG	0	0.00%	100	7821429	0	0	10	11 U				12 U				12 U		13 U		13 U
1,2-Dichloroethane (total)	UG/KG	0	0.00%			0	0	10	11 U				12 U				12 U		13 U		13 U
1,2-Dichloropropane	UG/KG	0	0.00%		9393	0	0	10	11 U				12 U				12 U		13 U		13 U
Acetone	UG/KG	140	30.00%	200	7821429	0	3	10	11 U	7 J	140	11 U	12 U				12 U		13 U		6 J
Benzene	UG/KG	0	0.00%	60	22026	0	0	10	11 U				12 U				12 U		13 U		13 U
Bromodichloromethane	UG/KG	0	0.00%		10302	0	0	10	11 U				12 U				12 U		13 U		13 U
Bromoform	UG/KG	0	0.00%		80854	0	0	10	11 U				12 U				12 U		13 U		13 U
Carbon disulfide	UG/KG	0	0.00%	2700	7821429	0	0	10	11 U				12 U				12 U		13 U		13 U
Carbon tetrachloride	UG/KG	0	0.00%	600	4913	0	0	10	11 U				12 U				12 U		13 U		13 U
Chlorobenzene	UG/KG	0	0.00%	1700	1564286	0	0	10	11 U				12 U				12 U		13 U		13 U
Chlorodibromomethane	UG/KG	0	0.00%		7604	0	0	10	11 U				12 U				12 U		13 U		13 U
Chloroethane	UG/KG	0	0.00%	1900	31285714	0	0	10	11 U				12 U				12 U		13 U		13 U
Chloroform	UG/KG	0	0.00%	300	104713	0	0	10	11 U				12 U				12 U		13 U		13 U
Cis 1,3-Dichloropropene	UG/KG	0	0.00%			0	0	10	11 U				12 U				12 U		13 U		13 U
Ethyl benzene	UG/KG	0	0.00%	5500	7821429	0	0	10	11 U				12 U				12 U		13 U		13 U
Methyl bromide	UG/KG	0	0.00%		111846	0	0	10	11 U				12 U				12 U		13 U		13 U
Methyl butyl ketone	UG/KG	0	0.00%			0	0	10	11 U				12 U				12 U		13 U		13 U
Methyl chloride	UG/KG	0	0.00%		49135	0	0	10	11 U				12 U				12 U		13 U		13 U
Methyl ethyl ketone	UG/KG	0	0.00%	300		0	0	10	11 U				12 U				12 U		13 U		13 U
Methyl isobutyl ketone	UG/KG	0	0.00%	1000	6257143	0	0	10	11 U				12 U				12 U		13 U		13 U
Methylene chloride	UG/KG	0	0.00%	100	85167	0	0	10	11 U				12 U				12 U		13 U		13 U
Styrene	UG/KG	0	0.00%			0	0	10	11 U				12 U				12 U		13 U		13 U
Tetrachloroethene	UG/KG	10	10.00%	1400	12284	0	1	10	11 U	10 J			14 U				12 U		13 U		13 U
Toluene	UG/KG	14	60.00%	1500	15642857	0	6	10	8 J				12 U		3 J	3 J	12 U		13 U		3 J
Total Xylenes	UG/KG	0	0.00%	1200		0	0	10	11 U				14 U				12 U		13 U		13 U
Trans-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	10	11 U				12 U				12 U		13 U		13 U
Trichloroethene	UG/KG	0	0.00%	700	58068	0	0	10	11 U				12 U				12 U		13 U		13 U
Vinyl chloride	UG/KG	0	0.00%	200	336	0	0	10	11 U				12 U				12 U		13 U		13 U

Table 9 2
123B Volatiles in Soils vs TAGMs
Non Evaluated EBS Sites

2/17/98

SITE DESCRIPTION		SEAD-123B Bldg 716 and 717 Petroleum Releases SS123B-2 EB140 SA		SEAD-123R Bldg 716 and 717 Petroleum Releases SS123B-3 EB141 SA								
LOC ID	SAMP ID	OC CODE	SAMP DEPTH TOP	SAMP DEPTH BOT	MATRIX	SAMP DATE	FREQUENCY OF	NUMBER ABOVE	NUMBER OF	NUMBER OF	SOIL	SOIL
PARAMETER	UNIT	AXIMU	DETECTION	TAGM	PRG						9-Mar 98	9-Mar-98
											VALUE	Q
1,1,1-Trichloroethane	UG/KG	0	0.00%	800	2737500	0	0	0	10	11 U	12 U	12 U
1,1,2,2-Tetrachloroethane	UG/KG	0	0.00%	600	31938	0	0	0	10	11 U	12 U	12 U
1,1,2-Trichloroethane	UG/KG	0	0.00%	11206	0	0	0	0	10	11 U	12 U	12 U
1,1-Dichloroethane	UG/KG	0	0.00%	200	7821429	0	0	0	10	11 U	12 U	12 U
1,1-Dichloroethane	UG/KG	0	0.00%	400	1065	0	0	0	10	11 U	12 U	12 U
1,2-Dichloroethane	UG/KG	0	0.00%	100	7821429	0	0	0	10	11 U	12 U	12 U
1,2-Dichloroethane (total)	UG/KG	0	0.00%	0	0	0	0	0	10	11 U	12 U	12 U
1,2-Dichloropropane	UG/KG	0	0.00%	0	9393	0	0	0	10	11 U	12 U	12 U
Acetone	UG/KG	140	30.00%	200	7821429	0	3	10	11 U	12 U	12 U	12 U
Benzene	UG/KG	0	0.00%	60	22026	0	0	10	11 U	12 U	12 U	12 U
Bromodichloromethane	UG/KG	0	0.00%	0	10302	0	0	10	11 U	12 U	12 U	12 U
Bromoforn	UG/KG	0	0.00%	0	80854	0	0	10	11 U	12 U	12 U	12 U
Carbon disulfide	UG/KG	0	0.00%	2700	7821429	0	0	10	11 U	12 U	12 U	12 U
Carbon tetrachloride	UG/KG	0	0.00%	600	4913	0	0	10	11 U	12 U	12 U	12 U
Chlorobenzene	UG/KG	0	0.00%	1700	1564286	0	0	10	11 U	12 U	12 U	12 U
Chlorodibromomethane	UG/KG	0	0.00%	0	7604	0	0	10	11 U	12 U	12 U	12 U
Chloroethane	UG/KG	0	0.00%	1900	31285714	0	0	10	11 U	12 U	12 U	12 U
Chloroform	UG/KG	0	0.00%	300	104713	0	0	10	11 U	12 U	12 U	12 U
Cis-1,3-Dichloropropene	UG/KG	0	0.00%	0	0	0	0	10	11 U	12 U	12 U	12 U
Ethyl benzene	UG/KG	0	0.00%	5500	7821429	0	0	10	11 U	12 U	12 U	12 U
Methyl bromide	UG/KG	0	0.00%	0	111846	0	0	10	11 U	12 U	12 U	12 U
Methyl butyl ketone	UG/KG	0	0.00%	0	0	0	0	10	11 U	12 U	12 U	12 U
Methyl chloride	UG/KG	0	0.00%	0	49135	0	0	10	11 U	12 U	12 U	12 U
Methyl ethyl ketone	UG/KG	0	0.00%	300	0	0	0	10	11 U	12 U	12 U	12 U
Methyl isobutyl ketone	UG/KG	0	0.00%	1000	6257143	0	0	10	11 U	12 U	12 U	12 U
Methylene chloride	UG/KG	0	0.00%	100	85167	0	0	10	11 U	12 U	12 U	12 U
Styrene	UG/KG	0	0.00%	0	0	0	0	10	11 U	12 U	12 U	12 U
Tetrachloroethene	UG/KG	10	10.00%	1400	12284	0	1	10	11 U	12 U	12 U	12 U
Toluene	UG/KG	14	60.00%	1500	15642857	0	6	10	14	3 J	3 J	3 J
Total Xylenes	UG/KG	0	0.00%	1200	0	0	0	10	11 U	12 U	12 U	12 U
Trans-1,3-Dichloropropene	UG/KG	0	0.00%	0	0	0	0	10	11 U	12 U	12 U	12 U
Trichloroethene	UG/KG	0	0.00%	700	58068	0	0	10	11 U	12 U	12 U	12 U
Vinyl chloride	UG/KG	0	0.00%	200	336	0	0	10	11 U	12 U	12 U	12 U

Table 9-3
123B - Volatiles in Soils vs PRG-RES
Non-Evaluated EBS Sites

SITE DESCRIPTION	SEAD-123B Bldg 716 and 717 Petroleum Releases SB123B-1 EB242 SA	SEAD-123B Bldg 716 and 717 Petroleum Releases SB123B-1 EB245 SA	SEAD-123B Bldg 716 and 717 Petroleum Releases SB123B-2 EB246 SA	SEAD-123B Bldg 716 and 717 Petroleum Releases SB123B-2 EB243 SA	SEAD-123B Bldg 716 and 717 Petroleum Releases SB123B-3 EB244 SA	SEAD-123B Bldg 716 and 717 Petroleum Releases SB123B-3 EB247 SA	SEAD-123B Bldg 716 and 717 Petroleum Releases SS123B-1 EB016 DU	SEAD-123B Bldg 716 and 717 Petroleum Releases SS123B-1 EB139 SA													
LOC ID	0	26	0	32	0	26	0	0													
SAMP ID	02	29	02	35	02	29	02	02													
QC CODE																					
SAMP DEPTH TOP																					
SAMP DEPTH BOT																					
MATRIX																					
SAMP DATE																					
PARAMETER	UNIT	MAXIMUM	DETECTION OF	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	
1,1,1-Trichloroethane	UG/KG	0	0.00%	800	2737500	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
1,1,2,2-Tetrachloroethane	UG/KG	0	0.00%	600	31938	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
1,1,2-Trichloroethane	UG/KG	0	0.00%		11206	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
1,1-Dichloroethane	UG/KG	0	0.00%	200	7821429	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
1,1-Dichloroethene	UG/KG	0	0.00%	400	1065	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
1,2-Dichloroethane	UG/KG	0	0.00%	100	7821429	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
1,2-Dichloroethene (total)	UG/KG	0	0.00%			0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
1,2-Dichloropropane	UG/KG	0	0.00%		9393	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Acetone	UG/KG	140	30.00%	200	7821429	0	3	10	11 U		7 J		140		11 U		12 U		13 U		6 J
Benzene	UG/KG	0	0.00%	60	22026	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Bromodichloromethane	UG/KG	0	0.00%		10302	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Bromoform	UG/KG	0	0.00%		80854	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Carbon disulfide	UG/KG	0	0.00%	2700	7821429	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Carbon tetrachloride	UG/KG	0	0.00%	600	4913	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Chlorobenzene	UG/KG	0	0.00%	1700	1564286	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Chlorodibromomethane	UG/KG	0	0.00%		7604	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Chloroethane	UG/KG	0	0.00%	1900	31285714	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Chloroform	UG/KG	0	0.00%	300	104711	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Cis-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Ethyl benzene	UG/KG	0	0.00%	5500	7821429	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Methyl bromide	UG/KG	0	0.00%		11184F	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Methyl butyl ketone	UG/KG	0	0.00%			0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Methyl chloride	UG/KG	0	0.00%		49135	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Methyl ethyl ketone	UG/KG	0	0.00%	300		0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Methyl isobutyl ketone	UG/KG	0	0.00%	1000	6257143	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Methylene chloride	UG/KG	0	0.00%	100	85167	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Styrene	UG/KG	0	0.00%			0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Tetrachloroethene	UG/KG	10	10.00%	1400	12284	0	1	10	11 U		10 J		14 U		11 U		12 U		13 U		13 U
Toluene	UG/KG	14	60.00%	1500	15642857	0	6	10	11 U		8 J		14 U		3 J		3 J		13 U		3 J
Total Xylenes	UG/KG	0	0.00%	1200		0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Trans-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Trichloroethene	UG/KG	0	0.00%	700	58068	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U
Vinyl chloride	UG/KG	0	0.00%	200	336	0	0	10	11 U		12 U		14 U		11 U		12 U		13 U		13 U

Table 9.3
123B - Volatiles in Soils vs PRG-RES
Non Evaluated EBS Sites

SITE DESCRIPTION	LOC ID	SAMP ID	QC CODE	SAMP DEPTH TOP	SAMP DEPTH BOT	MATRIX	SAMP DATE	SEAD-123B Bldg 716 and 717 Petroleum Releases SS123B-2 EB140 SA		SFAD 123R Bldg 716 and 717 Petroleum Releases SS123B-3 EB141 SA				
								0	0.2	0	0.2			
								SOIL 9-Mar-98		SOIL 9-Mar-98				
								NUMBER ABOVE	NUMBER OF	NUMBER OF	VALUE	Q	VALUE	Q
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG	NUMFR ABOVE	NUMFR OF	NUMFR OF	VALUE	Q	VALUE	Q		
1,1,1-Trichloroethane	UG/KG	0	0.00%	800	2737500	0	0	10	11 U		12 U			
1,1,2,2-Tetrachloroethane	UG/KG	0	0.00%	600	31938	0	0	10	11 U		12 U			
1,1,2-Trichloroethane	UG/KG	0	0.00%		11206	0	0	10	11 U		12 U			
1,1-Dichloroethane	UG/KG	0	0.00%	200	7821429	0	0	10	11 U		12 U			
1,1-Dichloroethene	UG/KG	0	0.00%	400	1065	0	0	10	11 U		12 U			
1,2-Dichloroethane	UG/KG	0	0.00%	100	7821429	0	0	10	11 U		12 U			
1,2-Dichloroethene (total)	UG/KG	0	0.00%			0	0	10	11 U		12 U			
1,2-Dichloropropane	UG/KG	0	0.00%		9393	0	0	10	11 U		12 U			
Acetone	UG/KG	140	30.00%	200	7821429	0	3	10	11 U		12 U			
Benzene	UG/KG	0	0.00%	60	22026	0	0	10	11 U		12 U			
Bromodichloromethane	UG/KG	0	0.00%		10302	0	0	10	11 U		12 U			
Bromoform	UG/KG	0	0.00%		80854	0	0	10	11 U		12 U			
Carbon disulfide	UG/KG	0	0.00%	2700	7821429	0	0	10	11 U		12 U			
Carbon tetrachloride	UG/KG	0	0.00%	600	4913	0	0	10	11 U		12 U			
Chlorobenzene	UG/KG	0	0.00%	1700	1564286	0	0	10	11 U		12 U			
Chlorodibromomethane	UG/KG	0	0.00%		7604	0	0	10	11 U		12 U			
Chloroethane	UG/KG	0	0.00%	1900	31285714	0	0	10	11 U		12 U			
Chloroform	UG/KG	0	0.00%	300	104713	0	0	10	11 U		12 U			
Cis-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	10	11 U		12 U			
Ethyl benzene	UG/KG	0	0.00%	5500	7821429	0	0	10	11 U		12 U			
Methyl bromide	UG/KG	0	0.00%		111846	0	0	10	11 U		12 U			
Methyl butyl ketone	UG/KG	0	0.00%			0	0	10	11 U		12 U			
Methyl chloride	UG/KG	0	0.00%		49135	0	0	10	11 U		12 U			
Methyl ethyl ketone	UG/KG	0	0.00%	300		0	0	10	11 U		12 U			
Methyl isobutyl ketone	UG/KG	0	0.00%	1000	6257143	0	0	10	11 U		12 U			
Methylene chloride	UG/KG	0	0.00%	100	85167	0	0	10	11 U		12 U			
Styrene	UG/KG	0	0.00%			0	0	10	11 U		12 U			
Tetrachloroethene	UG/KG	10	10.00%	1400	12284	0	1	10	11 U		12 U			
Toluene	UG/KG	14	60.00%	1500	15642857	0	6	10	14		3 J			
Total Xylenes	UG/KG	0	0.00%	1200		0	0	10	11 U		12 U			
Trans-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	10	11 U		12 U			
Trichloroethene	UG/KG	0	0.00%	700	58058	0	0	10	11 U		12 U			
Vinyl chloride	UG/KG	0	0.00%	200	336	0	0	10	11 U		12 U			

Table 9-4
123B - Semivolatile/TPH in Soil vs TAGMs
Non-Evaluated EBS Sites

Table with 16 columns: SITE DESCRIPTION, LOC ID, SAMP ID, QC CODE, SAMP DEPTH TOP, SAMP DEPTH BOT, MATRIX, SAMP DATE, PARAMETER, UNIT, MAXIMUM, FREQUENCY OF DETECTION, TAGM, PRG, NUMBER ABOVE TAGM, NUMBER OF DETECTS, NUMBER OF ANALYSES, VALUE, Q, SOIL 11-Mar-98, VALUE, Q, SOIL 11-Mar-98, VALUE, Q, SOIL 11-Mar-98, VALUE, Q, SOIL 11-Mar-98, VALUE, Q, SOIL 11-Mar-98, VALUE, Q, SOIL 11-Mar-98, VALUE, Q, SOIL 11-Mar-98.

Table 9-4
123B Semivolatiles/TPH in Soil vs TAGMs
Non-Evaluated EBS Sites

SITE DESCRIPTION	SEAD-123B Bldg 716 and 717		SEAD-123B Bldg 716 and 717				
	Petroleum Releases		Petroleum Releases				
LOC ID	SS123B-2		SS123B-3				
SAMP ID	FB140		EB141				
QC CODE	SA		SA				
SAMP DEPTH TOP	0		0				
SAMP DEPTH BOT	0.2		0.2				
MATRIX	SOIL		SOIL				
SAMP DATE	9-Mar-98		9-Mar-98				
PARAMETER	UNIT	FREQUENCY OF	NUMBR OF	NUMBER OF	NUMBER OF	VALU	VALU
		MAXIMUM	DETECTION	TAGM	FRG	ANALYSES	O
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	782143	0	10 U
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	7039286	0	10 U
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	6961071	0	10 U
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	29615	0	10 U
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	7821429	0	10 U
2,4,6-Trichlorophenol	UG/KG	0	0.00%		58068	0	10 U
2,4-Dichlorophenol	UG/KG	0	0.00%	400	234643	0	10 U
2,4-Dimethylphenol	UG/KG	0	0.00%		1564286	0	10 U
2,4-Dinitrophenol	UG/KG	0	0.00%	200	156429	0	10 U
2,4-Dinitrotoluene	UG/KG	0	0.00%		156429	0	10 U
2,6-Dinitrotoluene	UG/KG	0	0.00%	1000	78214	0	10 U
2-Chloronaphthalene	UG/KG	0	0.00%			0	10 U
2-Chlorophenol	UG/KG	0	0.00%	800	391071	0	10 U
2-Methylnaphthalene	UG/KG	49	20.00%	36400		0	2
2-Methylphenol	UG/KG	0	0.00%	100	3910714	0	10 U
2-Nitroaniline	UG/KG	0	0.00%	430	4691	0	10 U
2-Nitrophenol	UG/KG	0	0.00%	330		0	10 U
3,3-Dichlorobenzidine	UG/KG	0	0.00%		1419	0	10 U
3-Nitroaniline	UG/KG	0	0.00%	500	234643	0	10 U
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%			0	10 U
4-Bromophenyl phenyl ether	UG/KG	0	0.00%		4536429	0	10 U
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240		0	10 U
4-Chloroaniline	UG/KG	0	0.00%	220	312857	0	10 U
4-Chlorophenyl phenyl ether	UG/KG	0	0.00%			0	10 U
4-Methylphenol	UG/KG	0	0.00%	900		0	10 U
4-Nitroaniline	UG/KG	0	0.00%		234643	0	10 U
4-Nitrophenol	UG/KG	0	0.00%	100	4692857	0	10 U
Acenaphthene	UG/KG	0	0.00%	50000		0	10 U
Acenaphthylene	UG/KG	0	0.00%	41000		0	10 U
Anthracene	UG/KG	0	0.00%	50000	23464286	0	10 U
Benzo[a]anthracene	UG/KG	18	40.00%	224	875	0	4
Benzo[a]pyrene	UG/KG	19	40.00%	61	88	0	4
Benzo[b]fluoranthene	UG/KG	29	71.43%	1100	875	0	5
Benzo[ghi]perylene	UG/KG	18	40.00%	50000		0	4
Benzo[k]fluoranthene	UG/KG	23	20.00%	1100	8750	0	2
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%			0	10 U
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%		581	0	10 U
Bis(2-Chloroisopropyl)ether	UG/KG	0	0.00%		9125	0	10 U
Bis(2-Ethylhexyl)phthalate	UG/KG	68	87.50%	50000	45625	0	7
Butylbenzylphthalate	UG/KG	13	60.00%	50000	15642857	0	6
Carbazole	UG/KG	7.5	10.00%		31938	0	1
Chrysene	UG/KG	26	60.00%	400	87500	0	6
Di-n-butylphthalate	UG/KG	0	0.00%	8100		0	10 U
Di-n-octylphthalate	UG/KG	9.5	20.00%	50000	1564286	0	2
Dibenz[a,h]anthracene	UG/KG	13	20.00%	14		0	2
Dibenzofuran	UG/KG	0	0.00%	6200	312857	0	10 U
Diethyl phthalate	UG/KG	44	77.78%	7100	52571429	0	7
Dimethylphthalate	UG/KG	0	0.00%	2000	782142857	0	10 U
Ethylene Glycol	MG/KG	0	0.00%		156428571	0	10
Fluoranthene	UG/KG	43	50.00%	50000	3128571	0	5
Fluorene	UG/KG	0	0.00%	50000	3128571	0	10 U
Hexachlorobenzene	UG/KG	0	0.00%	410	399	0	10 U
Hexachlorobutadiene	UG/KG	0	0.00%		8189	0	10 U
Hexachlorocyclopentadiene	UG/KG	0	0.00%		547590	0	10 U
Hexachloroethane	UG/KG	0	0.00%		45625	0	10 U
Indeno[1,2,3-cd]pyrene	UG/KG	16	40.00%	3200	875	0	4
Isophorone	UG/KG	0	0.00%	4400		0	10 U
N-Nitrosodiphenylamine	UG/KG	0	0.00%		130357	0	0
N-Nitrosodipropylamine	UG/KG	0	0.00%			0	10 U
Naphthalene	UG/KG	0	0.00%	13000	3128571	0	10 U
Nitrobenzene	UG/KG	0	0.00%	200	39107	0	10 U
Pentachlorophenol	UG/KG	0	0.00%	1000	5323	0	10 U
Phenanthrene	UG/KG	44	40.00%	50000		0	4
Phenol	UG/KG	0	0.00%	30	46928571	0	10 U
Propylene Glycol	MG/KG	0	0.00%			0	10
Pyrene	UG/KG	790	70.00%	50000	2346429	0	7
TPH	MG/KG					83.9	35

Table 9.5
123B - Semivolatiles/TPH in Soil vs PRG-RES
Non-Evaluated EBS Sites

SITE DESCRIPTION	SEAD 123B		SEAD-123B								
	Bldg 716 and 717		Bldg 716 and 717 Petroleum Releases								
	SS123B-2	EB140	SS123B-3	EB141							
LOC ID											
SAMP ID											
QC CODE											
SAMP DEPTH TOP		0		0							
SAMP DEPTH BOT		0.2		0.2							
MATRIX		SOIL		SOIL							
*SAMP DATE		9 Mar-98		9 Mar-98							
PARAMETER	UNIT	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	0 0.00%	3400	782143	0	0	10	74 U		80 U	
1,2-Dichlorobenzene	UG/KG	0 0.00%	7900	7039286	0	0	10	74 U		80 U	
1,3-Dichlorobenzene	UG/KG	0 0.00%	1600	6961071	0	0	10	74 U		80 U	
1,4-Dichlorobenzene	UG/KG	0 0.00%	8500	26615	0	0	10	74 U		80 U	
2,4,5-Trichlorophenol	UG/KG	0 0.00%	100	7821429	0	0	10	180 U		190 U	
2,4,6-Trichlorophenol	UG/KG	0 0.00%		58068	0	0	10	74 U		80 U	
2,4-Dichlorophenol	UG/KG	0 0.00%	400	234643	0	0	10	74 U		80 U	
2,4-Dimethylphenol	UG/KG	0 0.00%		1564286	0	0	10	74 U		80 U	
2,4-Dinitrophenol	UG/KG	0 0.00%	200	156429	0	0	10	180 U		190 U	
2,4-Dinitrotoluene	UG/KG	0 0.00%		156429	0	0	10	74 U		80 U	
2,6-Dinitrotoluene	UG/KG	0 0.00%	1000	78714	0	0	10	74 U		80 U	
2-Chloronaphthalene	UG/KG	0 0.00%			0	0	10	74 U		80 U	
2-Chlorophenol	UG/KG	0 0.00%	800	391071	0	0	10	74 U		80 U	
2-Methylnaphthalene	UG/KG	4.9 20.00%	36400		0	2	10	4.9 J		80 U	
2-Methylphenol	UG/KG	0 0.00%	100	3910714	0	0	10	74 U		80 U	
2-Nitroaniline	UG/KG	0 0.00%	430	4693	0	0	10	180 U		190 U	
2-Nitrophenol	UG/KG	0 0.00%	330		0	0	10	74 U		80 U	
3,3-Dichlorobenzidine	UG/KG	0 0.00%		1419	0	0	10	74 U		80 U	
3-Nitroaniline	UG/KG	0 0.00%	500	234643	0	0	10	180 U		190 U	
4,6-Dinitro-2-methylphenol	UG/KG	0 0.00%			0	0	10	180 U		190 U	
4-Bromophenyl phenyl ether	UG/KG	0 0.00%		4536429	0	0	10	74 U		80 U	
4-Chloro-3-methylphenol	UG/KG	0 0.00%	240		0	0	10	74 U		80 U	
4-Chloroaniline	UG/KG	0 0.00%	220	312857	0	0	10	74 U		80 U	
4-Chlorophenyl phenyl ether	UG/KG	0 0.00%			0	0	10	74 U		80 U	
4-Methylphenol	UG/KG	0 0.00%	900		0	0	10	74 U		80 U	
4-Nitroaniline	UG/KG	0 0.00%		234643	0	0	10	180 U		190 U	
4-Nitrophenol	UG/KG	0 0.00%	100	4692857	0	0	10	180 U		190 U	
Acenaphthene	UG/KG	0 0.00%	50000		0	0	10	74 U		80 U	
Acenaphthylene	UG/KG	0 0.00%	41000		0	0	10	74 U		80 U	
Anthracene	UG/KG	0 0.00%	50000	23464286	0	0	10	74 U		80 U	
Benzo[a]anthracene	UG/KG	18 40.00%	224	875	0	4	10	4.9 J		5.4 J	
Benzo[a]pyrene	UG/KG	19 40.00%	61	88	0	4	10	74 U		80 U	
Benzo[b]fluoranthene	UG/KG	29 71.43%	1100	875	0	5	7	12 JY		12 JY	
Benzo[ghi]perylene	UG/KG	18 40.00%	50000		0	4	10	12 J		80 U	
Benzo[k]fluoranthene	UG/KG	23 20.00%	1100	8750	0	2	10	74 U		80 U	
Bis(2-Chloroethoxy)methane	UG/KG	0 0.00%			0	0	10	74 U		80 U	
Bis(2-Chloroethyl)ether	UG/KG	0 0.00%		581	0	0	10	74 U		80 U	
Bis(2-Chloroisopropyl)ether	UG/KG	0 0.00%		9125	0	0	10	74 U		80 U	
Bis(2-Ethylhexyl)phthalate	UG/KG	68 87.50%	50000	45625	0	7	8	14 BJ		11 BJ	
Butylbenzylphthalate	UG/KG	13 60.00%	50000	15642857	0	6	10	5.4 J		80 U	
Carbazole	UG/KG	7.5 10.00%		31818	0	1	10	74 U		80 U	
Chrysene	UG/KG	26 80.00%	400	87500	0	6	10	12 J		9.7 J	
Di-n-butylphthalate	UG/KG	0 0.00%	8100		0	0	10	74 U		80 U	
Di-n-octylphthalate	UG/KG	9.5 20.00%	50000	1564286	0	2	10	74 U		80 U	
Dibenz[a,h]anthracene	UG/KG	13 20.00%	14		0	2	10	74 U		80 U	
Dibenzofuran	UG/KG	0 0.00%	6200	312857	0	0	10	74 U		80 U	
Diethyl phthalate	UG/KG	44 77.78%	7100	62571429	0	7	9	8.3 BJ		80 U	
Dimethylphthalate	UG/KG	0 0.00%	2000	782142857	0	0	10	74 U		80 U	
Ethylene Glycol	MG/KG	0 0.00%		156428571	0	0	10				
Fluoranthene	UG/KG	43 50.00%	50000	3128571	0	5	10	11 J		12 J	
Fluorene	UG/KG	0 0.00%	50000	3128571	0	0	10	74 U		80 U	
Hexachlorobenzene	UG/KG	0 0.00%	410	399	0	0	10	74 U		80 U	
Hexachlorobutadiene	UG/KG	0 0.00%		8189	0	0	10	74 U		80 U	
Hexachlorocyclopentadiene	UG/KG	0 0.00%		547506	0	0	10	74 U		80 U	
Hexachloroethane	UG/KG	0 0.00%		45625	0	0	10	74 U		80 U	
Indeno[1,2,3-cd]pyrene	UG/KG	16 40.00%	3200	875	0	4	10	8.5 J		80 U	
Isophorone	UG/KG	0 0.00%	4400		0	0	10	74 U		80 U	
N-Nitrosodiphenylamine	UG/KG	0 0.00%		130057	0	0	10	74 U		80 U	
N-Nitrosodipropylamine	UG/KG	0 0.00%			0	0	10	74 U		80 U	
Naphthalene	UG/KG	0 0.00%	13000	3128571	0	0	10	74 U		80 U	
Nitrobenzene	UG/KG	0 0.00%	200	39107	0	0	10	74 U		80 U	
Pentachlorophenol	UG/KG	0 0.00%	1000	5323	0	0	10	180 U		190 U	
Phenanthrene	UG/KG	44 40.00%	50000		0	4	10	10 J		12 J	
Phenol	UG/KG	0 0.00%	30	46928571	0	0	10	74 U		80 U	
Propylene Glycol	MG/KG	0 0.00%			0	0	10				
Pyrene	UG/KG	790 70.00%	50000	2346429	0	7	10	11 J		14 J	
TPH	MG/KG							83.9		35	

Table 9-6
123B - Volatile Organics in Sediment vs Criteria
Non-Evaluated EBS Sites

SITE:				SEAD-123B		SEAD-123B				
DESCRIPTION:				Bldg. 716 and 717 Petroleum Releases		Bldg. 716 and 717 Petroleum Releases				
LOC ID:				SD123B-1		SD123B-2				
SAMP ID:				EB137		EB138				
QC CODE:				SA		SA				
SAMP. DETH TOP:				0		0				
SAMP. DEPTH BOT:				0.2		0.2				
MATRIX:				SEDIMENT		SEDIMENT				
SAMP. DATE:				9-Mar-98		9-Mar-98				
PARAMETER	UNIT	MAXIMU	FREQUENCY OF DETECTION CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECT	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	UG/KG	0	0.00%	0	0	2	20 U		15 U	
1,1,2,2-Tetrachloroethane	UG/KG	0	0.00%	300 (2)	0	0	2	20 U	15 U	
1,1,2-Trichloroethane	UG/KG	0	0.00%		0	0	2	20 U	15 U	
1,1-Dichloroethane	UG/KG	0	0.00%		0	0	2	20 U	15 U	
1,1-Dichloroethene	UG/KG	0	0.00%	20 (2)	0	0	2	20 U	15 U	
1,2-Dichloroethane	UG/KG	0	0.00%	700 (2)	0	0	2	20 U	15 U	
1,2-Dichloroethene (total)	UG/KG	0	0.00%		0	0	2	20 U	15 U	
1,2-Dichloropropane	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Acetone	UG/KG	28	100.00%		0	2	28		15 J	
Benzene	UG/KG	0	0.00%	600 (2)	0	0	2	20 U	15 U	
Bromodichloromethane	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Bromoform	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Carbon disulfide	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Carbon tetrachloride	UG/KG	0	0.00%	600 (2)	0	0	2	20 U	15 U	
Chlorobenzene	UG/KG	0	0.00%	3500 (1)	0	0	2	20 U	15 U	
Chlorodibromomethane	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Chloroethane	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Chloroform	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Cis-1,3-Dichloropropene	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Ethyl benzene	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Methyl bromide	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Methyl butyl ketone	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Methyl chloride	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Methyl ethyl ketone	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Methyl isobutyl ketone	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Methylene chloride	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Styrene	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Tetrachloroethene	UG/KG	0	0.00%	800 (2)	0	0	2	20 U	15 U	
Toluene	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Total Xylenes	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Trans-1,3-Dichloropropene	UG/KG	0	0.00%		0	0	2	20 U	15 U	
Trichloroethene	UG/KG	0	0.00%	2000 (2)	0	0	2	20 U	15 U	
Vinyl chloride	UG/KG	0	0.00%	70 (2)	0	0	2	20 U	15 U	

SOURCE: (1) NYS BENTHIC AQUATIC LIFE CHRONIC TOXICITY CRITERIA
(2) NYS HUMAN HEALTH BIOACCUMULATION CRITERIA

Table 9.7
123B: Semivolatiles in Sediment vs. Criteria
Non-Evaluated EBS Sites

SITE DESCRIPTION	SEAD-123B Bldg. 716 and 717 Petroleum Releases		SEAD-123B Bldg. 716 and 717 Petroleum Releases							
	LOC ID	SEAD-123B-1	LOC ID	SEAD-123B-2						
SAMP ID	EB137		EB138							
OC CODE	SA		SA							
SAMP DEPTH TOP		0		0						
SAMP DEPTH BOT		0.2		0.2						
MATRIX		SEDIMENT		SEDIMENT						
SAMP DATE		9-Mar-98		9-Mar-98						
PARAMETER	UNIT	FREQUENCY OF DETECTION	CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	0	0.00%		0	0	2	130 U	97 U	
1,2-Dichlorobenzene	UG/KG	0	0.00%	12000 (1)	0	0	2	130 U	97 U	
1,3-Dichlorobenzene	UG/KG	0	0.00%	12000 (1)	0	0	2	130 U	97 U	
1,4-Dichlorobenzene	UG/KG	0	0.00%	12000 (1)	0	0	2	130 U	97 U	
2,4,5-Trichlorophenol	UG/KG	0	0.00%		0	0	2	330 U	240 U	
2,4,6-Trichlorophenol	UG/KG	0	0.00%		0	0	2	130 U	97 U	
2,4-Dichlorophenol	UG/KG	0	0.00%		0	0	2	130 U	97 U	
2,4-Dimethylphenol	UG/KG	0	0.00%		0	0	2	130 U	97 U	
2,4-Dinitrophenol	UG/KG	0	0.00%		0	0	2	330 U	240 U	
2,4-Dinitrotoluene	UG/KG	0	0.00%		0	0	2	130 U	97 U	
2,6-Dinitrotoluene	UG/KG	0	0.00%		0	0	2	130 U	97 U	
2-Chloronaphthalene	UG/KG	0	0.00%		0	0	2	130 U	97 U	
2-Chlorophenol	UG/KG	0	0.00%		0	0	2	130 U	97 U	
2-Methylnaphthalene	UG/KG	0	0.00%		0	0	2	130 U	97 U	
2-Methylphenol	UG/KG	0	0.00%		0	0	2	130 U	97 U	
2-Nitroaniline	UG/KG	0	0.00%		0	0	2	330 U	240 U	
2-Nitrophenol	UG/KG	0	0.00%		0	0	2	130 U	97 U	
3,3'-Dichlorobenzidine	UG/KG	0	0.00%		0	0	2	130 U	97 U	
3-Nitroaniline	UG/KG	0	0.00%		0	0	2	330 U	240 U	
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%		0	0	2	330 U	240 U	
4-Bromophenyl phenyl ether	UG/KG	0	0.00%		0	0	2	130 U	97 U	
4-Chloro-3-methylphenol	UG/KG	0	0.00%		0	0	2	130 U	97 U	
4-Chloroaniline	UG/KG	0	0.00%		0	0	2	130 U	97 U	
4-Chlorophenyl phenyl ether	UG/KG	0	0.00%		0	0	2	130 U	97 U	
4-Methylphenol	UG/KG	0	0.00%		0	0	2	130 U	97 U	
4-Nitroaniline	UG/KG	0	0.00%		0	0	2	330 U	240 U	
4-Nitrophenol	UG/KG	0	0.00%		0	0	2	330 U	240 U	
Acenaphthene	UG/KG	0	0.00%	140000 (1)	0	0	2	130 U	97 U	
Acenaphthylene	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Anthracene	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Benzo[a]anthracene	UG/KG	0.2	50.00%	1300 (2)	0	1	2	9.2 J	97 U	
Benzo[a]pyrene	UG/KG	13	50.00%	1300 (2)	0	1	2	13 J	97 U	
Benzo[b]fluoranthene	UG/KG	21	50.00%	1300 (2)	0	1	2	21 J	97 U	
Benzo[ghi]perylene	UG/KG	14	50.00%		0	1	2	14 J	97 U	
Benzo[k]fluoranthene	UG/KG	14	50.00%	1300 (2)	0	1	2	14 J	97 U	
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Bis(2-Chloropropyl)ether	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Bis(2-Ethylhexyl)phthalate	UG/KG	16	200.00%	200000 (1)	0	2	1	16 BJ	15 JB	
Butylbenzylphthalate	UG/KG	11	50.00%		0	1	2	11 J	97 U	
Carbazole	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Chrysene	UG/KG	16	100.00%	1300 (2)	0	2	2	16 J	6.7 J	
Di-n-butylphthalate	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Di-n-octylphthalate	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Dibenz[a,h]anthracene	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Dibenzofuran	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Diethyl phthalate	UG/KG	32	200.00%		0	2	1	32 BJ	15 JB	
Dimethylphthalate	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Fluoranthene	UG/KG	21	100.00%	1020000 (1)	0	2	2	21 J	8.9 J	
Fluorene	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Hexachlorobenzene	UG/KG	0	0.00%	150 (2)	0	0	2	130 U	97 U	
Hexachlorobutadiene	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Hexachlorocyclopentadiene	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Hexachloroethane	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Indeno[1,2,3-cd]pyrene	UG/KG	13	50.00%	1300 (2)	0	1	2	13 J	97 U	
Isophorone	UG/KG	0	0.00%		0	0	2	130 U	97 U	
N-Nitrosodiphenylamine	UG/KG	0	0.00%		0	0	2	130 U	97 U	
N-Nitrosodipropylamine	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Naphthalene	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Nitrobenzene	UG/KG	0	0.00%		0	0	2	330 U	240 U	
Penta-chlorophenol	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Phenanthrene	UG/KG	9	100.00%	120000 (1)	0	2	2	9 J	5 J	
Phenol	UG/KG	0	0.00%		0	0	2	130 U	97 U	
Pyrene	UG/KG	16	100.00%		0	2	2	16 J	9.7 J	
TPH	MG/KG							33.2 U	27.9 U	

SOURCE (1) NYS BENTHIC AQUATIC LIFE CHRONIC TOXICITY CRITERIA
(2) NYS HUMAN HEALTH BIOACCUMULATION CRITERIA

SEAD-123D

Area West of Building 715

Table 11-1

Sample Collection Information
SEAD-123D - Area West of Building 715

12 Priority EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	TP123D-1	EB108	3/5/98	0.5	0.5	SA	Located in small mound 2 ft to 2.5 ft tall with a diameter of 6 ft. The mound had no vegetation on it, with a depression in the center. Near surface sample.
SOIL	TP123D-1	EB109	3/5/98	1.0	1.0	SA	Same location ID as above. Approx. mid-point sample chosen because no VOC hits or indications of impact to soils.
SOIL	TP123D-2	EB106	3/5/98	0.5	0.5	SA	Located on the ground surface where a drum fragment was protruding from the ground; the location was not a mound. Near surface sample from under drum fragment.
SOIL	TP123D-2	EB107	3/5/98	1.5	1.5	SA	Same location ID as above. Sample was taken 1.0 ft. below drum fragment. There were no VOC hits or other indications of impact to soils.
SOIL	TP123D-3	EB102	3/4/98	0.5	0.5	SA	Located in 3 ft high mound, by 7 ft wide and 20 ft long. No vegetation was observed on the mound. Mound is in location that has very easy access from road for dumping. Near surface sample.
SOIL	TP123D-3	EB103	3/4/98	2.0	2.0	SA	Same location ID as above. Approx. mid-depth sample taken because no VOC hits or other indications of impact to soils.
SOIL	TP123D-4	EB104	3/5/98	0.5	0.5	SA	Located in 3 ft high mound with 8 ft diameter. Debris (e.g., steel pipes, cable, sections of culvert) was observed on the surface of the mound. Near surface sample taken.
SOIL	TP123D-4	EB105	3/5/98	1.0	1.0	SA	Same location ID as above. Sample taken below piece of cable and wire. There were no VOC hits or indications of impact to soils.

Table 11-1

Sample Collection Information
SEAD-123D - Area West of Building 715

12 Priority EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	TP123D-5	EB100	3/4/98	1.5	1.5	SA	Located in the center of a mound where evidence of debris (e.g., wire) were observed protruding from the ground surface. Near surface sample.
SOIL	TP123D-5	EB101	3/4/98	4.1	4.1	SA	Same location ID as above. Approx. mid-point sample chosen because of no VOC hits or indications of impact to soils.
SOIL	TP123D-3	EB001	3/4/98	0.5	0.5	DU	Not Applicable
WATER	TP123D-1	EB002	3/5/98	0.0	0.0	RB	Not Applicable

Notes:

SA = Sample

DU = Duplicate

RB = Rinse Blank

Table 11-2
123D - Volatiles in Soil vs TAGMs
Non-Evaluated EBS Sites

SITE DESCRIPTION	SI AD-123D Area West of Bldg 715		SI AD-123D Area West of Bldg 715		SI AD-123D Area West of Bldg 715		SI AD-123D Area West of Bldg 715		SI AD-123D Area West of Bldg 715		SI AD-123D Area West of Bldg 715		SI AD-123D Area West of Bldg 715	
	LOC ID	SAMP ID	LOC ID	SAMP ID	LOC ID	SAMP ID	LOC ID	SAMP ID	LOC ID	SAMP ID	LOC ID	SAMP ID	LOC ID	SAMP ID
OK CODE	TP123D-1 FB108	TP123D-1 FB109	TP123D-2 FB106	TP123D-2 FB107	TP123D-3 FB102	TP123D-3 FB103	TP123D-4 FB104	TP123D-4 FB105	TP123D-1 FB108	TP123D-1 FB109	TP123D-2 FB106	TP123D-2 FB107	TP123D-3 FB102	TP123D-3 FB103
SAMP DEPTH (ft)	0.5	1	0.5	1.5	0.5	2	0.5	0.5	0.5	1	0.5	1.5	0.5	2
SAMP DEPTH (ft)	0.5	1	0.5	1.5	0.5	2	0.5	0.5	0.5	1	0.5	1.5	0.5	2
MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
SAMP DATE	5-Mar-98	5-Mar-98	5-Mar-98	5-Mar-98	5-Mar-98	5-Mar-98	5-Mar-98	5-Mar-98	5-Mar-98	5-Mar-98	5-Mar-98	5-Mar-98	5-Mar-98	5-Mar-98
PARAMETER	UNIT	MAXIMUM DETECTION	TAGM	PRG	NUMBER OF ANALYSES	NUMBER OF ANALYSES	NUMBER OF ANALYSES	NUMBER OF ANALYSES	NUMBER OF ANALYSES	NUMBER OF ANALYSES	NUMBER OF ANALYSES	NUMBER OF ANALYSES	NUMBER OF ANALYSES	NUMBER OF ANALYSES
1,1,1-Trichloroethane	UG/G	0.0	0.00%	800	2717500	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
1,1,2,2-Tetrachloroethane	UG/G	0.0	0.00%	600	31938	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
1,1,2-Trichloromethane	UG/G	0.0	0.00%	0	11206	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
1,1-Dichloroethane	UG/G	0.0	0.00%	200	7821429	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
1,1-Dichloroethane	UG/G	0.0	0.00%	400	1065	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
1,2-Dichloroethane	UG/G	0.0	0.00%	100	7821429	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
1,2-Dichloroethane (total)	UG/G	0.0	0.00%	0	0	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
1,2-Dichloropropane	UG/G	0.0	0.00%	0	9393	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Acetone	UG/G	660.0	54.55%	200	7821429	1	6	11	12 U	12 U	660 F	10 J	11 J	17
Benzene	UG/G	0.0	0.00%	60	22026	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Bromodichloromethane	UG/G	0.0	0.00%	0	10302	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Bromotoluene	UG/G	0.0	0.00%	0	80854	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Carbon disulfide	UG/G	0.0	0.00%	2700	7821429	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Carbon tetrachloride	UG/G	0.0	0.00%	600	4913	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Chlorobenzene	UG/G	0.0	0.00%	1700	1564286	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Chlorobromomethane	UG/G	0.0	0.00%	0	7664	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Chloroethane	UG/G	0.0	0.00%	1900	31285714	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Chloroform	UG/G	0.0	0.00%	300	104713	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Cis-1,3-Dichloropropene	UG/G	0.0	0.00%	0	0	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
1,1,1-Trichloroethane	UG/G	0.0	0.00%	5500	7821429	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Methyl bromide	UG/G	0.0	0.00%	0	111846	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Methyl butyl ketone	UG/G	0.0	0.00%	0	0	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Methyl chloride	UG/G	0.0	0.00%	0	49135	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Methyl ethyl ketone	UG/G	58.0	9.09%	300	0	1	11	12 U	12 U	58	12 U	12 U	16 U	13 U
Methyl isobutyl ketone	UG/G	0.0	0.00%	1000	6257143	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Methylene chloride	UG/G	0.0	0.00%	100	85167	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Styrene	UG/G	0.0	0.00%	0	0	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Tetrahydroethene	UG/G	0.0	0.00%	1400	12284	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Toluene	UG/G	0.0	0.00%	1500	15642857	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Total Xlenes	UG/G	0.0	0.00%	1200	0	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Trans-1,3-Dichloropropene	UG/G	0.0	0.00%	0	0	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Trichloroethene	UG/G	0.0	0.00%	700	58068	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U
Vinyl chloride	UG/G	0.0	0.00%	200	336	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U

Table 11-2
123D Volatiles in Soil vs TAGMs
Non-Evluated EBS Sites

SITE	DESCRIPTION	UNIT	MAXIMUM DETECTION	FREQUENCY OF	LAGM	PERC	NUMBER OF ANALYSES	NUMBER OF	NUMBER OF	LAGM	PERC	NUMBER OF	NUMBER OF	LAGM	PERC	NUMBER OF	NUMBER OF	SLAB 123D		SLAB 123D	
																		1 Mar 98	1 Mar 98	1 Mar 98	1 Mar 98
123D	111 Trichloroethane	UG/GG	0.0	0.00%	800	2.33	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	112 1,1-Dichloroethane	UG/GG	0.0	0.00%	600	3198	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	113 1,2-Dichloroethane	UG/GG	0.0	0.00%	200	11206	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	114 1,1-Dibromoethane	UG/GG	0.0	0.00%	400	9834129	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	115 1,2-Dibromoethane	UG/GG	0.0	0.00%	100	7821429	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	121 1,2-Dichloroethane (total)	UG/GG	660	0.00%	200	6393	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	Acetone	UG/GG	660	0.00%	200	7821429	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	Bromochloroethane	UG/GG	0.0	0.00%	60	23256	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	Bromoform	UG/GG	0.0	0.00%	2700	10202	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	Carbon disulfide	UG/GG	0.0	0.00%	600	808.51	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	Carbon tetrachloride	UG/GG	0.0	0.00%	1700	7821429	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	Chlorobenzene	UG/GG	0.0	0.00%	600	1913	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	Chlorodibromomethane	UG/GG	0.0	0.00%	1700	1864286	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	Chloroethane	UG/GG	0.0	0.00%	1900	7604	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	Chloroform	UG/GG	0.0	0.00%	300	31285714	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	1,1,1-Trichloroethane	UG/GG	0.0	0.00%	5500	104.13	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	Methyl bromide	UG/GG	0.0	0.00%	400	7821429	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	Methyl butyl ketone	UG/GG	0.0	0.00%	400	111846	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	Methyl chloride	UG/GG	0.0	0.00%	800	40135	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	Methyl isobutyl ketone	UG/GG	0.0	0.00%	1000	627133	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	Methyl tert-butyl ketone	UG/GG	0.0	0.00%	100	85167	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	Styrene	UG/GG	0.0	0.00%	1000	12384	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	1,1,2-Dichloroethane	UG/GG	0.0	0.00%	1800	1564287	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	1,1,1-Trichloroethane	UG/GG	0.0	0.00%	1200	58068	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	
	1,1,2-Dichloroethane	UG/GG	0.0	0.00%	700	336	0	0	0	0	0	0	0	0	0	0	0	0	SA	SA	

Table 11-3
123D - Volatiles In Soil vs PRG-RES
Non-Evaluated EBS Sites

SITE DESCRIPTION		SEAD-123D Area West of Bldg 715 TP123D-1 EB108 SA		SEAD-123D Area West of Bldg 715 TP123D-1 EB109 SA		SEAD-123D Area West of Bldg 715 TP123D-2 EB106 SA		SEAD-123D Area West of Bldg 715 TP123D-2 EB107 SA		SEAD-123D Area West of Bldg 715 TP123D-3 EB001 DU		SEAD-123D Area West of Bldg 715 TP123D-3 EB102 SA		SEAD-123D Area West of Bldg 715 TP123D-3 EB103 SA		SEAD-123D Area West of Bldg 715 TP123D-4 EB104 SA		SEAD-123D Area West of Bldg 715 TP123D-4 EB105 SA	
LOC ID		TP123D-1		TP123D-1		TP123D-2		TP123D-2		TP123D-3		TP123D-3		TP123D-3		TP123D-4		TP123D-4	
SAMP DEPTH TOP		0.5		1		0.5		1.5		0.5		0.5		2		0.5		1	
SAMP DEPTH BOT		0.5		1		0.5		1.5		0.5		0.5		2		0.5		1	
MATRIX		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMP DATE		4-Mar-98		5-Mar-98		5-Mar-98		5-Mar-98		4-Mar-98		4-Mar-98		4-Mar-98		5-Mar-98		5-Mar-98	
PARAMETER	UNIT	MAXIMUM	DETECT	TAGM	PRG	NUMBER ABOVE	NUMBER OF	NUMBER OF	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE
1,1,1-Trichloroethane	UG/KG	0.0	0.00%	900	2737500	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
1,1,2,2-Tetrachloroethane	UG/KG	0.0	0.00%	600	11938	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
1,1,2-Trichloroethane	UG/KG	0.0	0.00%	11206		0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
1,1-Dichloroethane	UG/KG	0.0	0.00%	200	7821429	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
1,1-Dichloroethane	UG/KG	0.0	0.00%	400	1065	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
1,2-Dichloroethane	UG/KG	0.0	0.00%	100	7821429	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
1,2-Dichloroethane (total)	UG/KG	0.0	0.00%			0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
1,2-Dichloropropane	UG/KG	0.0	0.00%		9393	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Acetone	UG/KG	660.0	54.55%	200	7821429	0	6	11	12 U	12 U	15 U	10 J	11 J	17	12 J	13 U	14 U	13 U	13 U
Benzene	UG/KG	0.0	0.00%	60	22026	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Bromodichloromethane	UG/KG	0.0	0.00%		10302	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Bromoform	UG/KG	0.0	0.00%		80854	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Carbon disulfide	UG/KG	0.0	0.00%	2700	7821429	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Carbon tetrachloride	UG/KG	0.0	0.00%	600	4913	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Chlorobenzene	UG/KG	0.0	0.00%	1700	1564786	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Chlorodibromomethane	UG/KG	0.0	0.00%		7604	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Chloroethane	UG/KG	0.0	0.00%	1900	31285714	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Chloroform	UG/KG	0.0	0.00%	300	104713	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Cis, 1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Ethyl benzene	UG/KG	0.0	0.00%	5500	7821429	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Methyl bromide	UG/KG	0.0	0.00%		111846	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Methyl butyl ketone	UG/KG	0.0	0.00%			0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Methyl chloride	UG/KG	0.0	0.00%		49135	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Methyl ethyl ketone	UG/KG	58.0	9.09%	300		0	1	11	12 U	12 U	58	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Methyl isobutyl ketone	UG/KG	0.0	0.00%	1000	6257143	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Methylene chloride	UG/KG	0.0	0.00%	100	85167	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Styrene	UG/KG	0.0	0.00%			0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Tetrachloroethene	UG/KG	0.0	0.00%	1400	12284	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Toluene	UG/KG	0.0	0.00%	1500	1564785.7	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Total Xylenes	UG/KG	0.0	0.00%	1200		0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Trans, 1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Trichloroethene	UG/KG	0.0	0.00%	700	58068	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U
Vinyl chloride	UG/KG	0.0	0.00%	200	336	0	0	11	12 U	12 U	15 U	12 U	16 U	13 U	13 U	13 U	14 U	13 U	13 U

Table 11-3
123D Volatiles in Soil vs PRG-RES
Non-Evaluated EBS Sites

SITE DESCRIPTION		SEAD-123D Area West of Bldg 715 TP123D-5 EB100 SA		SEAD-127D Area West of Bldg 715 TP123D-5 EB101 SA									
LOG ID		15		41									
SAMP ID		15		41									
QC CODE													
SAMP DEPTH TOP													
SAMP DEPTH BOT													
MATRIX		SOIL		SOIL									
SAMP DATE		4 Mar '98		4 Mar '98									
PARAMETER	UNIT	FREQUENCY OF		TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF EFFECTS	NUMBER OF ANALYSES	Q	SOIL		Q	
		MAXIMUM	DETECTION							VALUE	Q		
1 1 1 Trichloroethane	UG/KG	0.0	0.00%	800	2737500	0	0	11	U	13	U	13	U
1 1 2 Tetrachloroethane	UG/KG	0.0	0.00%	600	31938	0	0	11	U	13	U	13	U
1 1 2 Trichloroethane	UG/KG	0.0	0.00%	11206		0	0	11	U	13	U	13	U
1 1 Dichloroethane	UG/KG	0.0	0.00%	200	7821429	0	0	11	U	13	U	13	U
1 1 Dichloroethene	UG/KG	0.0	0.00%	400	1065	0	0	11	U	13	U	13	U
1 2 Dichloroethane	UG/KG	0.0	0.00%	100	7821429	0	0	11	U	13	U	13	U
1 2 Dichloroethene (total)	UG/KG	0.0	0.00%			0	0	11	U	13	U	13	U
1 2 Dichloropropane	UG/KG	0.0	0.00%		8393	0	0	11	U	13	U	13	U
Acetone	UG/KG	660.0	54.55%	200	7821429	0	6	11	U	16		13	U
Benzene	UG/KG	0.0	0.00%	60	22026	0	0	11	U	13	U	13	U
Bromodichloromethane	UG/KG	0.0	0.00%		10302	0	0	11	U	13	U	13	U
Bromoform	UG/KG	0.0	0.00%		80854	0	0	11	U	13	U	13	U
Carbon disulfide	UG/KG	0.0	0.00%	2700	7821429	0	0	11	U	13	U	13	U
Carbon tetrachloride	UG/KG	0.0	0.00%	600	4913	0	0	11	U	13	U	13	U
Chlorobenzene	UG/KG	0.0	0.00%	1700	1564286	0	0	11	U	13	U	13	U
Chlorobromomethane	UG/KG	0.0	0.00%		7604	0	0	11	U	13	U	13	U
Chloroethane	UG/KG	0.0	0.00%	1900	31285714	0	0	11	U	13	U	13	U
Chloroform	UG/KG	0.0	0.00%	300	104713	0	0	11	U	13	U	13	U
Cis-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	11	U	13	U	13	U
Ethyl benzene	UG/KG	0.0	0.00%	5500	7821429	0	0	11	U	13	U	13	U
Methyl bromide	UG/KG	0.0	0.00%		111846	0	0	11	U	13	U	13	U
Methyl butyl ketone	UG/KG	0.0	0.00%			0	0	11	U	13	U	13	U
Methyl chloride	UG/KG	0.0	0.00%		49135	0	0	11	U	13	U	13	U
Methyl ethyl ketone	UG/KG	58.0	9.05%	300		0	1	11	U	13	U	13	U
Methyl isobutyl ketone	UG/KG	0.0	0.00%	1000	6257143	0	0	11	U	13	U	13	U
Methylene chloride	UG/KG	0.0	0.00%	100	85167	0	0	11	U	13	U	13	U
Styrene	UG/KG	0.0	0.00%			0	0	11	U	13	U	13	U
Tetrachloroethene	UG/KG	0.0	0.00%	1400	12284	0	0	11	U	13	U	13	U
Toluene	UG/KG	0.0	0.00%	1500	15642857	0	0	11	U	13	U	13	U
Total Xylenes	UG/KG	0.0	0.00%	1200		0	0	11	U	13	U	13	U
Trans-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	11	U	13	U	13	U
Trichloroethene	UG/KG	0.0	0.00%	700	58068	0	0	11	U	13	U	13	U
Vinyl chloride	UG/KG	0.0	0.00%	200	336	0	0	11	U	13	U	13	U

Table 11-6
123D - Metals in Soil vs TAGMs
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715							
LOC ID	TP123D-1	TP123D-1	TP123D-2	TP123D-2	TP123D-3	TP123D-3	TP123D-1	TP123D-1	TP123D-2	TP123D-2	TP123D-3	TP123D-3	TP123D-3						
SAMP ID	EB108	EB109	EB106	EB107	EB001	EB102	SA	SA	SA	SA	DU	SA	SA						
QC CODE																			
SAMP DETH TOP	0.5	1	0.5	1.5	0.5	0.5													
SAMP DEPTH BOT	0.5	1	0.5	1.5	0.5	0.5													
MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL													
SAMP DATE	5-Mar-98	5-Mar-98	5-Mar-98	5-Mar-98	4-Mar-98	4-Mar-98													
PARAMETER	UNIT	MAXIMUM	DETECTION OF	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	
Aluminum	MG/KG	16500	100.00%	19520	78214 286	0	11	11	12300		11300		11100		16500		14400		16000
Antimony	MG/KG	0	0.00%	6	31 285714	0	0	11	0.84 UN		0.8 UN		0.9 UN		0.81 UN		0.8 UN		0.82 UN
Arsenic	MG/KG	5.4	100.00%	8.9	0.42583333	0	11	11	4.4		3.6		3.4		5.4		4.7		3.9
Barium	MG/KG	126	100.00%	300	5475	0	11	11	54.7		41.5 B		61.4		57.2		101		86.3
Beryllium	MG/KG	0.51	100.00%	1.13	0.14854651	0	11	11	0.34 B		0.34 B		0.23 B		0.51 B		0.34 B		0.45 B
Cadmium	MG/KG	0	0.00%	2.46	39 107143	0	0	11	0.07 U		0.07 U		0.08 U		0.07 U		0.07 U		0.07 U
Calcium	MG/KG	14100	100.00%	125300		0	11	11	2350		1710		1410		236 B		1120 B		1290
Chromium	MG/KG	22.6	100.00%	30	78214	0	11	11	16.7		15		13		22.6		18.6		20.9
Cobalt	MG/KG	13.8	100.00%	30	4693	0	11	11	10.4 B		9.7 B		6.7 B		13.8		12.1		12.8
Copper	MG/KG	27.2	100.00%	33	3129	0	11	11	14.2		10.6		16.4		26.7		13.1		17.1
Cyanide	MG/KG	0	0.00%	0.35		0	0	11	0.7 U		0.68 U		0.74 U		0.69 U		0.7 U		0.71 U
Iron	MG/KG	31400	100.00%	37410	23464	0	11	11	20200		23500		15500		31200		21600		24100
Lead	MG/KG	31.4	100.00%	24.4		3	11	11	16.3		15		24.3		14.1		28.2		21
Magnesium	MG/KG	6920	100.00%	21700		0	11	11	2940		2570		2030		3640		3020		3450
Manganese	MG/KG	1200	100.00%	1100	1799	1	11	11	662		772		755		287		930		720
Mercury	MG/KG	0.13	27.27%	0.1	23	1	3	11	0.06 U		0.06 U		0.13 B		0.06 U		0.06 U		0.06 U
Nickel	MG/KG	25.4	100.00%	50	1564	0	11	11	18.6		16.1		13.4		25.4		22.6		25.1
Potassium	MG/KG	1470	100.00%	2623		0	11	11	1350		763 B		911 B		1360		1260		1350
Selenium	MG/KG	1.5	9.09%	2	391	0	1	11	1.1 U		1.1 U		1.2 U		1.1 U		1.1 U		1.1 U
Silver	MG/KG	0	0.00%	0.8	391	0	0	11	0.51 U		0.48 U		0.54 U		0.49 U		0.48 U		0.49 U
Sodium	MG/KG	0	0.00%	188		0	0	11	146 U		139 U		155 U		141 U		139 U		142 U
Thallium	MG/KG	0	0.00%	0.855	6	0	0	11	1.5 U		1.4 U		1.6 U		1.5 U		1.4 U		1.5 U
Vanadium	MG/KG	27.8	100.00%	150	548	0	11	11	22.5 E		23.5 E		19.3 E		27.8 E		23.2 E		25.8 E
Zinc	MG/KG	124	100.00%	115	23464 286	1	11	11	73.7		60.6		71.4		67.8		90		100

Table 11-6
123D - Metals in Soil vs TAGMs
Non-Evaluated EBS Sites

SITE DESCRIPTION		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715								
LOC ID		TP123D-3		TP123D-4		TP123D-4		TP123D-5		TP123D-5								
SAMP ID		EB103		EB104		EB105		EB100		EB101								
QC CODE		SA		SA		SA		SA		SA								
SAMP DETH TOP		2		0.5		1		1.5		4.1								
SAMP DEPTH BOT		2		0.5		1		1.5		4.1								
MATRIX		SOIL		SOIL		SOIL		SOIL		SOIL								
SAMP DATE		4-Mar-98		5-Mar-98		5-Mar-98		4-Mar-98		4-Mar-98								
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Aluminum	MG/KG	16500	100.00%	19520	78214.286	0	11	11	13900		10900		10400		11800		15100	
Antimony	MG/KG	0	0.00%	6	31.285714	0	0	11	0.82	UN	1	UN	0.8	UN	0.84	UN	0.88	UN
Arsenic	MG/KG	5.4	100.00%	8.9	0.42583333	0	11	11	3.8		3.2		4.9		2.9		3.3	
Barium	MG/KG	126	100.00%	300	5475	0	11	11	104		104		103		75.4		126	
Beryllium	MG/KG	0.51	100.00%	1.13	0.14854651	0	11	11	0.33	B	0.32	B	0.26	B	0.35	B	0.43	B
Cadmium	MG/KG	0	0.00%	2.46	39.107143	0	0	11	0.07	U	0.09	U	0.07	U	0.07	U	0.08	U
Calcium	MG/KG	14100	100.00%	125300		0	11	11	1430		9800		14100		1490		2990	
Chromium	MG/KG	22.6	100.00%	30	7821.4	0	11	11	18.1		13.1		17.9		15.4		20.1	
Cobalt	MG/KG	13.8	100.00%	30	4693	0	11	11	12.3		8.8	B	9.3	B	9.6	B	11	B
Copper	MG/KG	27.2	100.00%	33	3129	0	11	11	14.3		22.6		27.2		12.4		13.8	
Cyanide	MG/KG	0	0.00%	0.35		0	0	11	0.7	U	0.8	U	0.65	U	0.67	U	0.67	U
Iron	MG/KG	31400	100.00%	37410	23464	0	11	11	21500		16800		31400		19000		22600	
Lead	MG/KG	31.4	100.00%	24.4		3	11	11	31.4		28.7		20.8		14.5		19.4	
Magnesium	MG/KG	6920	100.00%	21700		0	11	11	3020		3430		6920		2650		3240	
Manganese	MG/KG	1200	100.00%	1100	1799	1	11	11	1020		697		923		546		1200	
Mercury	MG/KG	0.13	27.27%	0.1	23	1	3	11	0.06	U	0.1	B	0.08	B	0.06	U	0.07	U
Nickel	MG/KG	25.4	100.00%	50	1564	0	11	11	23.1		15.9		18.7		18.4		24	
Potassium	MG/KG	1470	100.00%	2623		0	11	11	1210		1470		1160		976	B	1240	B
Selenium	MG/KG	1.5	9.09%	2	391	0	1	11	1.1	U	1.5	B	1.1	U	1.1	U	1.2	U
Silver	MG/KG	0	0.00%	0.8	391	0	0	11	0.49	U	0.62	U	0.48	U	0.5	U	0.53	U
Sodium	MG/KG	0	0.00%	188		0	0	11	142	U	178	U	138	U	146	U	152	U
Thallium	MG/KG	0	0.00%	0.855	6	0	0	11	1.5	U	1.8	U	1.4	U	1.5	U	1.6	U
Vanadium	MG/KG	27.8	100.00%	150	548	0	11	11	21.8	E	20.5	E	19.7	E	19.3	E	24.5	E
Zinc	MG/KG	124	100.00%	115	23464.286	1	11	11	87		124		80.2		64.2		79.8	

Table 11-7
123D - Metals in Soil vs PRG-RES
Non-Evaluated EBS Sites

2/17/99

SITE:
DESCRIPTION:

LOC ID:
SAMP ID:
QC CODE:
SAMP. DETH TOP:
SAMP. DEPTH BOT:
MATRIX:
SAMP DATE:

PARAMETER	UNIT	FREQUENCY		TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-123D Area West of Bldg. 715		SEAD-123D Area West of Bldg. 715		SEAD-123D Area West of Bldg. 715		SEAD-123D Area West of Bldg. 715		SEAD-123D Area West of Bldg. 715			
		MAXIMUM	DETECTION						TP123D-1 EB108 SA	TP123D-1 EB109 SA	TP123D-2 EB106 SA	TP123D-2 EB107 SA	TP123D-3 EB001 DU	TP123D-3 EB102 SA						
		OF	OF						5-Mar-98	5-Mar-98	5-Mar-98	5-Mar-98	4-Mar-98	4-Mar-98						
Aluminum	MG/KG	16500.0	100.0%	19520	78214.286	0	11	11	12300	Q	11300	Q	11100	Q	16500	Q	14400	Q	16000	Q
Antimony	MG/KG	0.0	0.0%	6	31.285714	0	0	11	0.84	UN	0.8	UN	0.9	UN	0.81	UN	0.8	UN	0.82	UN
Arsenic	MG/KG	5.4	100.0%	8.9	0.42583333	11	11	11	4.4		3.6		3.4		5.4		4.7		3.9	
Barium	MG/KG	126.0	100.0%	300	5475	0	11	11	54.7		41.5	B	61.4		57.2		101		86.3	
Beryllium	MG/KG	0.5	100.0%	1.13	0.14854651	11	11	11	0.34	B	0.34	B	0.23	B	0.31	B	0.34	B	0.48	B
Cadmium	MG/KG	0.0	0.0%	2.46	39.107143	0	0	11	0.07	U	0.07	U	0.08	U	0.07	U	0.07	U	0.07	U
Calcium	MG/KG	14100.0	100.0%	125300		0	11	11	2350		1710		1410		236	B	1120	B	1290	
Chromium	MG/KG	22.6	100.0%	30	78214	0	11	11	16.7		15		13		22.6		18.6		20.9	
Cobalt	MG/KG	13.8	100.0%	30	4693	0	11	11	10.4	B	9.7	B	6.7	B	13.8		12.1		12.8	
Copper	MG/KG	27.2	100.0%	33	3129	0	11	11	14.2		10.6		16.4		26.7		13.1		17.1	
Cyanide	MG/KG	0.0	0.0%	0.35		0	0	11	0.7	U	0.68	U	0.74	U	0.69	U	0.7	U	0.71	U
Iron	MG/KG	31400.0	100.0%	37410	23464	4	11	11	20200		23500		15500		31200		21600		24100	
Lead	MG/KG	31.4	100.0%	24.4		0	11	11	16.3		15		24.3		14.1		28.2		21	
Magnesium	MG/KG	6920.0	100.0%	21700		0	11	11	2940		2570		2030		3640		3020		3450	
Manganese	MG/KG	1200.0	100.0%	1100	1799	0	11	11	662		772		755		287		930		720	
Mercury	MG/KG	0.1	27.3%	0.1	23	0	3	11	0.06	U	0.06	U	0.13	B	0.06	U	0.06	U	0.06	U
Nickel	MG/KG	25.4	100.0%	50	1564	0	11	11	18.6		16.1		13.4		25.4		22.6		25.1	
Potassium	MG/KG	1470.0	100.0%	2623		0	11	11	1350		783	B	911	B	1360		1260		1350	
Selenium	MG/KG	1.5	9.1%	2	391	0	1	11	1.1	U	1.1	U	1.2	U	1.1	U	1.1	U	1.1	U
Silver	MG/KG	0.0	0.0%	0.8	391	0	0	11	0.51	U	0.48	U	0.54	U	0.49	U	0.48	U	0.49	U
Sodium	MG/KG	0.0	0.0%	188		0	0	11	146	U	139	U	155	U	141	U	139	U	142	U
Thallium	MG/KG	0.0	0.0%	0.855	6	0	0	11	1.5	U	1.4	U	1.6	U	1.5	U	1.4	U	1.5	U
Vanadium	MG/KG	27.8	100.0%	150	548	0	11	11	22.5	E	23.5	E	19.3	E	27.8	E	23.2	E	25.8	E
Zinc	MG/KG	124.0	100.0%	115	23464.286	0	11	11	73.7		60.6		71.4		67.8		90		100	

Table 11-7
123D - Metals in Soil vs PRG-RES
Non-Evaluated EBS Sites

SITE DESCRIPTION		SEAD-123D Area West of Bldg. 715		SEAD-123D Area West of Bldg. 715		SEAD-123D Area West of Bldg. 715		SEAD-123D Area West of Bldg. 715		SEAD-123D Area West of Bldg. 715								
LOC ID.	SAMP ID:	TP123D-3		TP123D-4		TP123D-4		TP123D-5		TP123D-5								
QC CODE:	SAMP DEPTH TOP:	EB103		EB104		EB105		EB100		EB101								
SAMP DEPTH BOT.	MATRIX:	SA		SA		SA		SA		SA								
SAMP DATE:	FREQUENCY OF	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SOIL	SOIL	SOIL	SOIL	SOIL							
PARAMETER	UNIT	MAXIMUM	DETECTION	4-Mar-98	5-Mar-98	5-Mar-98	4-Mar-98	5-Mar-98	4-Mar-98	4-Mar-98	4-Mar-98							
				VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q							
Aluminum	MG/KG	16500.0	100.0%	19520	78214.286	0	11	11	13900	Q	10900	Q	10400	Q	11800	Q	15100	Q
Antimony	MG/KG	0.0	0.0%	6	31.285714	0	0	11	0.82	UN	1	UN	0.8	UN	0.84	UN	0.88	UN
Arsenic	MG/KG	5.4	100.0%	8.9	0.42583333	11	11	11	3.8		4.9		1.9		1.9		3.3	
Barium	MG/KG	126.0	100.0%	300	5475	0	11	11	104		104		103		75.4		126	
Beryllium	MG/KG	0.5	100.0%	1.13	0.14854651	11	11	11	0.33	B	0.33	B	0.26	B	0.33	B	0.43	B
Cadmium	MG/KG	0.0	0.0%	2.46	39.107143	0	0	11	0.07	U	0.09	U	0.07	U	0.07	U	0.08	U
Calcium	MG/KG	14100.0	100.0%	125300		0	11	11	1430		9800		14100		1490		2990	
Chromium	MG/KG	22.6	100.0%	30	78214	0	11	11	18.1		13.1		17.9		15.4		20.1	
Cobalt	MG/KG	13.8	100.0%	30	4693	0	11	11	12.3		8.8	B	9.3	B	9.6	B	11	B
Copper	MG/KG	27.2	100.0%	33	3129	0	11	11	14.3		22.6		27.2		12.4		13.8	
Cyanide	MG/KG	0.0	0.0%	0.35		0	0	11	0.7	U	0.8	U	0.65	U	0.67	U	0.67	U
Iron	MG/KG	31400.0	100.0%	37410	23464	4	11	11	21500		16800		19000		22600			
Lead	MG/KG	31.4	100.0%	24.4		0	11	11	31.4		28.7		20.8		14.5		19.4	
Magnesium	MG/KG	6920.0	100.0%	21700		0	11	11	3020		3430		6920		2650		3240	
Manganese	MG/KG	1200.0	100.0%	1100	1799	0	11	11	1020		697		923		546		1200	
Mercury	MG/KG	0.1	27.3%	0.1	23	0	3	11	0.06	U	0.1	B	0.08	B	0.06	U	0.07	U
Nickel	MG/KG	25.4	100.0%	50	1564	0	11	11	23.1		15.9		18.7		18.4		24	
Potassium	MG/KG	1470.0	100.0%	2623		0	11	11	1210		1470		1160		978	B	1240	B
Selenium	MG/KG	1.5	9.1%	2	391	0	1	11	1.1	U	1.5	B	1.1	U	1.1	U	1.2	U
Silver	MG/KG	0.0	0.0%	0.8	391	0	0	11	0.49	U	0.62	U	0.48	U	0.5	U	0.53	U
Sodium	MG/KG	0.0	0.0%	188		0	0	11	142	U	178	U	138	U	146	U	152	U
Thallium	MG/KG	0.0	0.0%	0.855	6	0	0	11	1.5	U	1.8	U	1.4	U	1.5	U	1.6	U
Vanadium	MG/KG	27.8	100.0%	150	548	0	11	11	21.8	E	20.5	E	19.7	E	19.3	E	24.5	E
Zinc	MG/KG	124.0	100.0%	115	23464.286	0	11	11	87		124		80.2		64.2		79.8	

Table 11-8
123D - Pesticides/PCBs in Soil vs TAGMs
Non-Evaluated EBS Sites

SITE DESCRIPTION		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715						
LOC ID	SAMP ID	TP123D-1 EB108 SA		TP123D-1 EB109 SA		TP123D-2 EB106 SA		TP123D-2 EB107 SA		TP123D-3 EB001 DU		TP123D-3 EB102 SA						
SAMP DEPTH TOP	SAMP DEPTH BOT	0.5		1		0.5		1.5		0.5		0.5						
MATRIX	SAMP DATE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL						
		5-Mar-98		5-Mar-98		5-Mar-98		5-Mar-98		4-Mar-98		4-Mar-98						
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
4,4'-DDD	UG/KG	0.0	0.0%	2900	2661	0	0	11	4.1 U	4.1 U	4.4 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4
4,4'-DDE	UG/KG	2.7	9.1%	2100	1879	0	1	11	4.1 U	4.1 U	2.7 J	4.2 U	4.2 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4
4,4'-DDT	UG/KG	4.6	18.2%	2100	1879	0	2	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4
Aldnn	UG/KG	0.0	0.0%	41	38	0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3
Alpha-BHC	UG/KG	0.0	0.0%	110		0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3
Alpha-Chlordane	UG/KG	0.0	0.0%			0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3
Aroclor-1016	UG/KG	0.0	0.0%		5475	0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4
Aroclor-1221	UG/KG	0.0	0.0%			0	0	11	8.4 U	8.3 U	8.9 U	8.5 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	9.0
Aroclor-1232	UG/KG	0.0	0.0%			0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4
Aroclor-1242	UG/KG	0.0	0.0%			0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4
Aroclor-1248	UG/KG	0.0	0.0%			0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4
Aroclor-1254	UG/KG	0.0	0.0%	10000	1564	0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4
Aroclor-1260	UG/KG	0.0	0.0%	10000		0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4
Beta-BHC	UG/KG	0.0	0.0%	200		0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3
Delta-BHC	UG/KG	0.0	0.0%	300		0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3
Dieldnn	UG/KG	0.0	0.0%	44	40	0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4
Endosulfan I	UG/KG	1.8	10.0%	900	469286	0	1	10	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3
Endosulfan II	UG/KG	0.0	0.0%	900	469286	0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4
Endosulfan sulfate	UG/KG	0.0	0.0%	1000		0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4
Endnn	UG/KG	0.0	0.0%	100	23464	0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4
Endnn aldehyde	UG/KG	0.0	0.0%		23464	0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4
Endrin ketone	UG/KG	0.0	0.0%		23464	0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4
Gamma-BHC/Lindane	UG/KG	0.0	0.0%	60		0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3
Gamma-Chlordane	UG/KG	0.0	0.0%	540		0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3
Heptachlor	UG/KG	0.0	0.0%	100	142	0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3
Heptachlor epoxide	UG/KG	0.0	0.0%	20	70	0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3
Methoxychlor	UG/KG	0.0	0.0%		391071	0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3
Toxaphene	UG/KG	0.0	0.0%			0	0	11	210 U	210 U	230 U	220 U	230 U	230 U	230 U	230 U	230 U	230

Table 11-8
123D - Pesticides/PCBs in Soil vs TAGMs
Non-Evaluated EBS Sites

SITE DESCRIPTION		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715									
LOC ID		TP123D-3		TP123D-4		TP123D-4		TP123D-5		TP123D-5									
SAMP ID		EB103		EB104		EB105		EB100		EB101									
QC CODE		SA		SA		SA		SA		SA									
SAMP DETH TOP		2		05		1		15		41									
SAMP DEPTH BOT		2		05		1		15		41									
MATRIX		SOIL		SOIL		SOIL		SOIL		SOIL									
SAMP DATE		4-Mar-98		5-Mar-98		5-Mar-98		4-Mar-98		4-Mar-98									
PARAMETER	UNIT	FREQUENCY OF		NUMBER ABOVE	NUMBER OF	NUMBER OF	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q			
		MAXIMUM	DETECTION	TAGM	PRG	TAGM	DETECTS	ANALYSES	Q		VALUE	Q	VALUE	Q	VALUE	Q			
4,4'-DDD	UG/KG	0.0	0.0%	2900	2661	0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
4,4'-DDE	UG/KG	2.7	9.1%	2100	1879	0	1	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
4,4'-DDT	UG/KG	4.6	18.2%	2100	1879	0	2	11	U	4.4	U	3	J	4.6	U	4.2	U	4.3	U
Aldnn	UG/KG	0.0	0.0%	41	38	0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Alpha-BHC	UG/KG	0.0	0.0%	110		0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Alpha-Chlordane	UG/KG	0.0	0.0%			0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Aroclor-1016	UG/KG	0.0	0.0%		5475	0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Aroclor-1221	UG/KG	0.0	0.0%			0	0	11	U	89	U	98	U	83	U	85	U	87	U
Aroclor-1232	UG/KG	0.0	0.0%			0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Aroclor-1242	UG/KG	0.0	0.0%			0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Aroclor-1248	UG/KG	0.0	0.0%			0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Aroclor-1254	UG/KG	0.0	0.0%	10000	1564	0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Aroclor-1260	UG/KG	0.0	0.0%	10000		0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Beta-BHC	UG/KG	0.0	0.0%	200		0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Delta-BHC	UG/KG	0.0	0.0%	300		0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Dieldnn	UG/KG	0.0	0.0%	44	40	0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Endosulfan I	UG/KG	1.8	10.0%	900	469286	0	1	10	U	2.3	U	1.8	JP	2.1	U	2.2	U	2.2	U
Endosulfan II	UG/KG	0.0	0.0%	900	469286	0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Endosulfan sulfate	UG/KG	0.0	0.0%	1000		0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Endnn	UG/KG	0.0	0.0%	100	23464	0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Endrin aldehyde	UG/KG	0.0	0.0%		23464	0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Endnn ketone	UG/KG	0.0	0.0%		23464	0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Gamma-BHC/Lindane	UG/KG	0.0	0.0%	60		0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Gamma-Chlordane	UG/KG	0.0	0.0%	540		0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Heptachlor	UG/KG	0.0	0.0%	100	142	0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Heptachlor epoxide	UG/KG	0.0	0.0%	20	70	0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Methoxychlor	UG/KG	0.0	0.0%		391071	0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Toxaphene	UG/KG	0.0	0.0%			0	0	11	U	230	U	250	U	210	U	220	U	220	U

Table 11-9
123D - Pesticides/PCBs in Soils vs PRG-RES
Non-Evaluated EBS Sites

SITE DESCRIPTION				SEAD-123D Area West of Bldg. 715		SEAD-123D Area West of Bldg. 715		SEAD-123D Area West of Bldg. 715		SEAD-123D Area West of Bldg. 715		SEAD-123D Area West of Bldg. 715		SEAD-123D Area West of Bldg. 715		
LOC ID				TP123D-1 EB108 SA		TP123D-1 EB109 SA		TP123D-2 EB106 SA		TP123D-2 EB107 SA		TP123D-3 EB001 DU		TP123D-3 EB102 SA		
SAMP DETH TOP				0.5		1		0.5		1.5		0.5		0.5		
SAMP DEPTH BOT				0.5		1		0.5		1.5		0.5		0.5		
MATRIX				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
SAMP DATE				5-Mar-98		5-Mar-98		5-Mar-98		5-Mar-98		4-Mar-98		4-Mar-98		
PARAMETER	UNIT	MAXIMUM	DETECTION OF	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
4.4'-DDD	UG/KG	0.0	0.00%	2900	2661	0	0	11	4.1 U	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4
4.4'-DDE	UG/KG	2.7	9.09%	2100	1879	0	1	11	4.1 U	4.1 U	2.7 J	4.2 U	4.2 U	4.4 U	4.4	4.4
4.4'-DDT	UG/KG	4.6	18.18%	2100	1879	0	2	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4	4.4
Aldrin	UG/KG	0.0	0.00%	41	38	0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3	2.3
Alpha-BHC	UG/KG	0.0	0.00%	110		0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3	2.3
Alpha-Chlordane	UG/KG	0.0	0.00%			0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3	2.3
Aroclor-1016	UG/KG	0.0	0.00%		5475	0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4	4.4
Aroclor-1221	UG/KG	0.0	0.00%			0	0	11	8.4 U	8.3 U	8.9 U	8.5 U	8.9 U	9.0 U	9.0	9.0
Aroclor-1232	UG/KG	0.0	0.00%			0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4	4.4
Aroclor-1242	UG/KG	0.0	0.00%			0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4	4.4
Aroclor-1248	UG/KG	0.0	0.00%			0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4	4.4
Aroclor-1254	UG/KG	0.0	0.00%	10000	1564	0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4	4.4
Aroclor-1260	UG/KG	0.0	0.00%	10000		0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4	4.4
Beta-BHC	UG/KG	0.0	0.00%	200		0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3	2.3
Delta-BHC	UG/KG	0.0	0.00%	300		0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3	2.3
Dieldrin	UG/KG	0.0	0.00%	44	40	0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4	4.4
Endosulfan I	UG/KG	1.8	10.00%	900	469286	0	1	10	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3	2.3
Endosulfan II	UG/KG	0.0	0.00%	900	469286	0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4	4.4
Endosulfan sulfate	UG/KG	0.0	0.00%	1000		0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4	4.4
Endrin	UG/KG	0.0	0.00%	100	23464	0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4	4.4
Endrin aldehyde	UG/KG	0.0	0.00%		23464	0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4	4.4
Endrin ketone	UG/KG	0.0	0.00%		23464	0	0	11	4.1 U	4.1 U	4.4 U	4.2 U	4.4 U	4.4 U	4.4	4.4
Gamma-BHC/Lindane	UG/KG	0.0	0.00%	60		0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3	2.3
Gamma-Chlordane	UG/KG	0.0	0.00%	540		0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3	2.3
Heptachlor	UG/KG	0.0	0.00%	100	142	0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3	2.3
Heptachlor epoxide	UG/KG	0.0	0.00%	20	70	0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3	2.3
Methoxychlor	UG/KG	0.0	0.00%		391071	0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3	2.3
Toxaphene	UG/KG	0.0	0.00%			0	0	11	2.1 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3	2.3

Table 11-9
123D - Pesticides/PCBs in Soils vs PRG-RES
Non-Evaluated EBS Sites

SITE DESCRIPTION		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715		SEAD-123D Area West of Bldg 715									
LOC ID		TP123D-3		TP123D-4		TP123D-4		TP123D-5		TP123D-5									
SAMP ID		EB103		EB104		EB105		EB100		EB101									
QC CODE		SA		SA		SA		SA		SA									
SAMP DEPTH TOP		2		05		1		15		41									
SAMP DEPTH BOT		2		05		1		15		41									
MATRIX		SOIL		SOIL		SOIL		SOIL		SOIL									
SAMP DATE		4-Mar-98		5-Mar-98		5-Mar-98		4-Mar-98		4-Mar-98									
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
4,4'-DDD	UG/KG	0.0	0.00%	2900	2661	0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
4,4'-DDE	UG/KG	2.7	9.09%	2100	1879	0	1	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
4,4'-DDT	UG/KG	4.6	18.18%	2100	1879	0	2	11	U	4.4	U	3	J	4.6	U	4.2	U	4.3	U
Aldrin	UG/KG	0.0	0.00%	41	38	0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Alpha-BHC	UG/KG	0.0	0.00%	110		0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Alpha-Chlordane	UG/KG	0.0	0.00%			0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Aroclor-1016	UG/KG	0.0	0.00%		5475	0	0	11	U	44	U	48	U	41	U	42	U	43	U
Aroclor-1221	UG/KG	0.0	0.00%			0	0	11	U	89	U	98	U	83	U	85	U	87	U
Aroclor-1232	UG/KG	0.0	0.00%			0	0	11	U	44	U	48	U	41	U	42	U	43	U
Aroclor-1242	UG/KG	0.0	0.00%			0	0	11	U	44	U	48	U	41	U	42	U	43	U
Aroclor-1248	UG/KG	0.0	0.00%			0	0	11	U	44	U	48	U	41	U	42	U	43	U
Aroclor-1254	UG/KG	0.0	0.00%	10000	1564	0	0	11	U	44	U	48	U	41	U	42	U	43	U
Aroclor-1260	UG/KG	0.0	0.00%	10000		0	0	11	U	44	U	48	U	41	U	42	U	43	U
Beta-BHC	UG/KG	0.0	0.00%	200		0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Delta-BHC	UG/KG	0.0	0.00%	300		0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Dieldrin	UG/KG	0.0	0.00%	44	40	0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Endosulfan I	UG/KG	1.8	10.00%	900	469286	0	1	10	U	2.3	U	1.8	JP	2.1	U	2.2	U	2.2	U
Endosulfan II	UG/KG	0.0	0.00%	900	469286	0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Endosulfan sulfate	UG/KG	0.0	0.00%	1000		0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Endrin	UG/KG	0.0	0.00%	100	23464	0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Endrin aldehyde	UG/KG	0.0	0.00%		23464	0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Endrin ketone	UG/KG	0.0	0.00%		23464	0	0	11	U	4.4	U	4.8	U	4.1	U	4.2	U	4.3	U
Gamma-BHC/Lindane	UG/KG	0.0	0.00%	60		0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Gamma-Chlordane	UG/KG	0.0	0.00%	540		0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Heptachlor	UG/KG	0.0	0.00%	100	142	0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Heptachlor epoxide	UG/KG	0.0	0.00%	20	70	0	0	11	U	2.3	U	2.5	U	2.1	U	2.2	U	2.2	U
Methoxychlor	UG/KG	0.0	0.00%		391071	0	0	11	U	23	U	25	U	21	U	22	U	22	U
Toxaphene	UG/KG	0.0	0.00%			0	0	11	U	230	U	250	U	210	U	220	U	220	U

SEAD-123F

Mound North of Post 3

Table 13-1

Sample Collection Information
SEAD-123F - Mound North of Post 3

12 Priority EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	TP123F	EB110	3/5/98	0.5	0.5	SA	Located at north end of mound based on presence of disturbed area and stressed vegetation in low area. No staining observed on ground surface. Near surface sample taken near north end of disturbed area.
SOIL	TP123F	EB111	3/5/98	1.5	1.5	SA	Same location ID as above. Sample taken at mid-point depth near south end of disturbed area. No VOC hits or indication of impact to soils.

Notes:

SA = Sample

Table 13-2
123F - Volatiles in Soil vs TAGM
Non-Evaluated EBS Sites

SITE:		SEAD-123F										SEAD-123F	
DESCRIPTION:		Mound North										Mound North	
		of Post 3										of Post 3	
LOC ID:		TP123F										TP123F	
SAMP ID:		EB110										EB111	
QC CODE:		SA										SA	
SAMP. DETH TOP:		0.5										1.5	
SAMP. DEPTH BOT:		0.5										1.5	
MATRIX:		SOIL										SOIL	
SAMP. DATE:		5-Mar-98										5-Mar-98	
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	
1,1,1-Trichloroethane	UG/KG	0	0.00%	800	2737500	0	0	2	12 U	12 U	12 U	12 U	
1,1,2,2-Tetrachloroethane	UG/KG	0	0.00%	600	31938	0	0	2	12 U	12 U	12 U	12 U	
1,1,2-Trichloroethane	UG/KG	0	0.00%		11206	0	0	2	12 U	12 U	12 U	12 U	
1,1-Dichloroethane	UG/KG	0	0.00%	200	7821429	0	0	2	12 U	12 U	12 U	12 U	
1,1-Dichloroethene	UG/KG	0	0.00%	400	1065	0	0	2	12 U	12 U	12 U	12 U	
1,2-Dichloroethane	UG/KG	0	0.00%	100	7821429	0	0	2	12 U	12 U	12 U	12 U	
1,2-Dichloroethene (total)	UG/KG	0	0.00%			0	0	2	12 U	12 U	12 U	12 U	
1,2-Dichloropropane	UG/KG	0	0.00%		9393	0	0	2	12 U	12 U	12 U	12 U	
Acetone	UG/KG	7	50.00%	200	7821429	0	1	2	12 U	7 J	7 J	7 J	
Benzene	UG/KG	0	0.00%	60	22026	0	0	2	12 U	12 U	12 U	12 U	
Bromodichloromethane	UG/KG	0	0.00%		10302	0	0	2	12 U	12 U	12 U	12 U	
Bromoform	UG/KG	0	0.00%		80854	0	0	2	12 U	12 U	12 U	12 U	
Carbon disulfide	UG/KG	0	0.00%	2700	7821429	0	0	2	12 U	12 U	12 U	12 U	
Carbon tetrachloride	UG/KG	0	0.00%	600	4913	0	0	2	12 U	12 U	12 U	12 U	
Chlorobenzene	UG/KG	0	0.00%	1700	1564286	0	0	2	12 U	12 U	12 U	12 U	
Chlorodibromomethane	UG/KG	0	0.00%		7604	0	0	2	12 U	12 U	12 U	12 U	
Chloroethane	UG/KG	0	0.00%	1900	31285714	0	0	2	12 U	12 U	12 U	12 U	
Chloroform	UG/KG	0	0.00%	300	104713	0	0	2	12 U	12 U	12 U	12 U	
Cis-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	2	12 U	12 U	12 U	12 U	
Ethyl benzene	UG/KG	0	0.00%	5500	7821429	0	0	2	12 U	12 U	12 U	12 U	
Methyl bromide	UG/KG	0	0.00%		111846	0	0	2	12 U	12 U	12 U	12 U	
Methyl butyl ketone	UG/KG	0	0.00%			0	0	2	12 U	12 U	12 U	12 U	
Methyl chloride	UG/KG	0	0.00%		49135	0	0	2	12 U	12 U	12 U	12 U	
Methyl ethyl ketone	UG/KG	0	0.00%	300		0	0	2	12 U	12 U	12 U	12 U	
Methyl isobutyl ketone	UG/KG	0	0.00%	1000	6257143	0	0	2	12 U	12 U	12 U	12 U	
Methylene chloride	UG/KG	0	0.00%	100	85167	0	0	2	12 U	12 U	12 U	12 U	
Styrene	UG/KG	0	0.00%			0	0	2	12 U	12 U	12 U	12 U	
Tetrachloroethene	UG/KG	0	0.00%	1400	12284	0	0	2	12 U	12 U	12 U	12 U	
Toluene	UG/KG	0	0.00%	1500	15642857	0	0	2	12 U	12 U	12 U	12 U	
Total Xylenes	UG/KG	0	0.00%	1200		0	0	2	12 U	12 U	12 U	12 U	
Trans-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	2	12 U	12 U	12 U	12 U	
Trichloroethene	UG/KG	0	0.00%	700	58068	0	0	2	12 U	12 U	12 U	12 U	
Vinyl chloride	UG/KG	0	0.00%	200	336	0	0	2	12 U	12 U	12 U	12 U	

Table 13-3
123F - Volatiles in Soil vs PRG-RES
Non-Evaluated EBS Sites

2/17/99

SITE:												SEAD-123F	SEAD-123F
DESCRIPTION:												Mound North	Mound North
LOC ID:												of Post 3	of Post 3
SAMP ID:												TP123F	TP123F
QC CODE:												EB110	EB111
SAMP. DETH TOP:												SA	SA
SAMP. DEPTH BOT:												0.5	1.5
MATRIX:												0.5	1.5
SAMP. DATE:												SOIL	SOIL
		FREQUENCY				NUMBER		NUMBER		NUMBER		5-Mar-98	5-Mar-98
		OF				ABOVE		OF		OF			
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG	TAGM	DETECTS	ANALYSES	VALUE	Q	VALUE	Q	
1,1,1-Trichloroethane	UG/KG	0	0.00%	800	2737500	0	0	2	12 U	12 U			
1,1,2,2-Tetrachloroethane	UG/KG	0	0.00%	600	31938	0	0	2	12 U	12 U			
1,1,2-Trichloroethane	UG/KG	0	0.00%		11206	0	0	2	12 U	12 U			
1,1-Dichloroethane	UG/KG	0	0.00%	200	7821429	0	0	2	12 U	12 U			
1,1-Dichloroethene	UG/KG	0	0.00%	400	1065	0	0	2	12 U	12 U			
1,2-Dichloroethane	UG/KG	0	0.00%	100	7821429	0	0	2	12 U	12 U			
1,2-Dichloroethene (total)	UG/KG	0	0.00%			0	0	2	12 U	12 U			
1,2-Dichloropropane	UG/KG	0	0.00%		9393	0	0	2	12 U	12 U			
Acetone	UG/KG	7	50.00%	200	7821429	0	1	2	12 U	7 J			
Benzene	UG/KG	0	0.00%	60	22026	0	0	2	12 U	12 U			
Bromodichloromethane	UG/KG	0	0.00%		10302	0	0	2	12 U	12 U			
Bromoform	UG/KG	0	0.00%		80854	0	0	2	12 U	12 U			
Carbon disulfide	UG/KG	0	0.00%	2700	7821429	0	0	2	12 U	12 U			
Carbon tetrachloride	UG/KG	0	0.00%	600	4913	0	0	2	12 U	12 U			
Chlorobenzene	UG/KG	0	0.00%	1700	1564286	0	0	2	12 U	12 U			
Chlorodibromomethane	UG/KG	0	0.00%		7604	0	0	2	12 U	12 U			
Chloroethane	UG/KG	0	0.00%	1900	31285714	0	0	2	12 U	12 U			
Chloroform	UG/KG	0	0.00%	300	104713	0	0	2	12 U	12 U			
Cis-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	2	12 U	12 U			
Ethyl benzene	UG/KG	0	0.00%	5500	7821429	0	0	2	12 U	12 U			
Methyl bromide	UG/KG	0	0.00%		111846	0	0	2	12 U	12 U			
Methyl butyl ketone	UG/KG	0	0.00%			0	0	2	12 U	12 U			
Methyl chloride	UG/KG	0	0.00%		49135	0	0	2	12 U	12 U			
Methyl ethyl ketone	UG/KG	0	0.00%	300		0	0	2	12 U	12 U			
Methyl isobutyl ketone	UG/KG	0	0.00%	1000	6257143	0	0	2	12 U	12 U			
Methylene chloride	UG/KG	0	0.00%	100	85167	0	0	2	12 U	12 U			
Styrene	UG/KG	0	0.00%			0	0	2	12 U	12 U			
Tetrachloroethene	UG/KG	0	0.00%	1400	12284	0	0	2	12 U	12 U			
Toluene	UG/KG	0	0.00%	1500	15642857	0	0	2	12 U	12 U			
Total Xylenes	UG/KG	0	0.00%	1200		0	0	2	12 U	12 U			
Trans-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	2	12 U	12 U			
Trichloroethene	UG/KG	0	0.00%	700	58068	0	0	2	12 U	12 U			
Vinyl chloride	UG/KG	0	0.00%	200	336	0	0	2	12 U	12 U			

Table 13-4
123F - Semivolatile TPH in Soils vs TAGMs
Non-Evaluated EBS Sites

7/17/99

SITE DESCRIPTION		SEAD 123F Mound North of Post 3		SEAD-123F Mound North of Post 3						
LOC ID		TP123F		TP123F						
SAMP ID		EB110		EB111						
QC CODE		SA		SA						
SAMP DEPTH TOP			0.5		1.5					
SAMP DEPTH BOT			0.5		1.5					
MATRIX		SOIL		SOIL						
SAMP DATE	FREQUENCY OF	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q		
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG					
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	782143	0	0	2	77 U	78 U
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	7030286	0	0	2	77 U	78 U
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	6961071	0	0	2	77 U	78 U
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	26615	0	0	2	77 U	78 U
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	7821429	0	0	2	190 U	190 U
2,4,6-Trichlorophenol	UG/KG	0	0.00%	58068		0	0	2	77 U	78 U
2,4-Dichlorophenol	UG/KG	0	0.00%	400	234643	0	0	2	77 U	78 U
2,4-Dimethylphenol	UG/KG	0	0.00%	1564286		0	0	2	77 U	78 U
2,4-Dinitrophenol	UG/KG	0	0.00%	200	156429	0	0	2	190 U	190 U
2,4-Dinitrotoluene	UG/KG	0	0.00%	156479		0	0	2	77 U	78 U
2,5-Dinitrotoluene	UG/KG	0	0.00%	1000	78214	0	0	2	77 U	78 U
2-Chloronaphthalene	UG/KG	0	0.00%			0	0	2	77 U	78 U
2-Chlorophenol	UG/KG	0	0.00%	800	391071	0	0	2	77 U	78 U
2-Methylnaphthalene	UG/KG	0	0.00%	36400		0	0	2	77 U	78 U
2-Methylphenol	UG/KG	0	0.00%	100	3910714	0	0	2	77 U	78 U
2-Nitroaniline	UG/KG	0	0.00%	430	4693	0	0	2	190 U	190 U
2-Nitrophenol	UG/KG	0	0.00%	330		0	0	2	77 U	78 U
3,3-Dichlorobenzidine	UG/KG	0	0.00%		1419	0	0	2	77 U	78 U
3-Nitroaniline	UG/KG	0	0.00%	500	234643	0	0	2	190 U	190 U
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%			0	0	2	190 U	190 U
4-Bromophenyl phenyl ether	UG/KG	0	0.00%		4576479	0	0	2	77 U	78 U
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240		0	0	2	77 U	78 U
4-Chloroaniline	UG/KG	0	0.00%	220	312857	0	0	2	77 U	78 U
4-Chlorophenyl phenyl ether	UG/KG	0	0.00%			0	0	2	77 U	78 U
4-Methylphenol	UG/KG	0	0.00%	900		0	0	2	77 U	78 U
4-Nitroaniline	UG/KG	0	0.00%	234643		0	0	2	190 U	190 U
4-Nitrophenol	UG/KG	0	0.00%	100	4692857	0	0	2	190 U	190 U
Acenaphthene	UG/KG	0	0.00%	50000		0	0	2	77 U	78 U
Acenaphthylene	UG/KG	0	0.00%	41000		0	0	2	77 U	78 U
Anthracene	UG/KG	0	0.00%	50000	23464286	0	0	2	77 U	78 U
Benzo[a]anthracene	UG/KG	5.1	50.00%	224	875	0	1	2	5.1 J	78 U
Benzo[a]pyrene	UG/KG	5.3	50.00%	61	88	0	1	2	5.3 J	78 U
Benzo[b]fluoranthene	UG/KG	7.5	200.00%	1100	875	0	2	1	7.5 J	7 JY
Benzo[ghi]perylene	UG/KG	5.2	50.00%	50000		0	1	2	5.2 J	78 U
Benzo[k]fluoranthene	UG/KG	6.2	50.00%	1100	8750	0	1	2	6.2 J	78 U
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%			0	0	2	77 U	78 U
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%	581		0	0	2	77 U	78 U
Bis(2-Chloroisopropyl)ether	UG/KG	0	0.00%	9125		0	0	2	77 U	78 U
Bis(2-Ethylhexyl)phthalate	UG/KG	11	50.00%	50000	45625	0	1	2	11 J	78 U
Butylbenzylphthalate	UG/KG	0	0.00%	50000	15642857	0	0	2	77 U	78 U
Carbazole	UG/KG	0	0.00%	31938		0	0	2	77 U	78 U
Chrysene	UG/KG	7.3	50.00%	400	87500	0	1	2	7.3 J	78 U
Di-n-butylphthalate	UG/KG	0	0.00%	8100		0	0	2	77 U	78 U
Di-n-octylphthalate	UG/KG	0	0.00%	50000	1564286	0	0	2	77 U	78 U
Dibenz[a,h]anthracene	UG/KG	0	0.00%	14		0	0	2	77 U	78 U
Dibenzofuran	UG/KG	0	0.00%	6200	312857	0	0	2	77 U	78 U
Diethyl phthalate	UG/KG	12	100.00%	7100	62571429	0	2	2	12 JB	7.2 JB
Dimethylphthalate	UG/KG	0	0.00%	2000	782142857	0	0	2	77 U	78 U
Ethylene Glycol	MG/KG	0	0.00%	156428571		0	0	2		
Fluoranthene	UG/KG	12	100.00%	50000	3128571	0	2	2	12 J	6.3 J
Fluorene	UG/KG	0	0.00%	50000	3128571	0	0	2	77 U	78 U
Hexachlorobenzene	UG/KG	0	0.00%	410	399	0	0	2	77 U	78 U
Hexachlorobutadiene	UG/KG	0	0.00%	8189		0	0	2	77 U	78 U
Hexachlorocyclopentadiene	UG/KG	0	0.00%	547590		0	0	2	77 U	78 U
Hexachloroethane	UG/KG	0	0.00%	45625		0	0	2	77 U	78 U
Indeno[1,2,3-cd]pyrene	UG/KG	4.8	50.00%	3200	875	0	1	2	4.8 J	78 U
Isophthalone	UG/KG	0	0.00%	4400		0	0	2	77 U	78 U
N-Nitrosodiphenylamine	UG/KG	0	0.00%	130357		0	0	2	77 U	78 U
N-Nitrosodipropylamine	UG/KG	0	0.00%			0	0	2	77 U	78 U
Naphthalene	UG/KG	0	0.00%	13000	3128571	0	0	2	77 U	78 U
Nitrobenzene	UG/KG	0	0.00%	200	39107	0	0	2	77 U	78 U
Pentachlorophenol	UG/KG	0	0.00%	1000	5323	0	0	2	190 U	190 U
Phenanthrene	UG/KG	5.9	50.00%	50000		0	1	2	5.9 J	78 U
Phenol	UG/KG	0	0.00%	30	46928571	0	0	2	77 U	78 U
Propylene Glycol	MG/KG	0	0.00%			0	0	2		
Pyrene	UG/KG	10	100.00%	50000	2346429	0	2	2	10 J	5.5 J
TPH	MG/KG	0	0.00%			0	0	2	17.2 U	18.2 U

Table 13-5
123F - Semivolatiles/TPH in Soil vs PRG-RES
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION		SEAD 123F Mound North of Post 3		SEAD-123F Mound North of Post 3								
LOC ID		TP123F		TP123F								
SAMP ID		EB110		EB111								
QC CODE		SA		SA								
SAMP DEPTH TOP		0.5		1.5								
SAMP DEPTH BOT		0.5		1.5								
MATRIX		SOIL		SOIL								
SAMP DATE		5 Mar '98		5 Mar '98								
PARAMETER	UNIT	MAXIMUM	DETECTION OF	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	782143	0	0	2	77 U		78 U	
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	7039286	0	0	2	77 U		78 U	
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	6961071	0	0	2	77 U		78 U	
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	26615	0	0	2	77 U		78 U	
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	7821429	0	0	2	190 U		190 U	
2,4,6-Trichlorophenol	UG/KG	0	0.00%	0	58068	0	0	2	77 U		78 U	
2,4-Dichlorophenol	UG/KG	0	0.00%	400	234643	0	0	2	77 U		78 U	
2,4-Dimethylphenol	UG/KG	0	0.00%	0	1564286	0	0	2	77 U		78 U	
2,4-Dinitrophenol	UG/KG	0	0.00%	200	156429	0	0	2	190 U		190 U	
2,4-Dinitrotoluene	UG/KG	0	0.00%	0	156429	0	0	2	77 U		78 U	
2,6-Dinitrotoluene	UG/KG	0	0.00%	1000	78214	0	0	2	77 U		78 U	
2-Chloronaphthalene	UG/KG	0	0.00%	0	0	0	0	2	77 U		78 U	
2-Chlorophenol	UG/KG	0	0.00%	800	391071	0	0	2	77 U		78 U	
2-Methylnaphthalene	UG/KG	0	0.00%	36400	0	0	0	2	77 U		78 U	
2-Methylphenol	UG/KG	0	0.00%	100	3910714	0	0	2	77 U		78 U	
2-Nitroaniline	UG/KG	0	0.00%	430	4693	0	0	2	190 U		190 U	
2-Nitrophenol	UG/KG	0	0.00%	330	0	0	0	2	77 U		78 U	
3,3'-Dichlorobenzidine	UG/KG	0	0.00%	0	1419	0	0	2	77 U		78 U	
3-Nitroaniline	UG/KG	0	0.00%	500	234643	0	0	2	190 U		190 U	
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%	0	0	0	0	2	190 U		190 U	
4-Bromophenyl phenyl ether	UG/KG	0	0.00%	0	4536429	0	0	2	77 U		78 U	
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240	0	0	0	2	77 U		78 U	
4-Chloroaniline	UG/KG	0	0.00%	220	312857	0	0	2	77 U		78 U	
4-Chlorophenyl phenyl ether	UG/KG	0	0.00%	0	0	0	0	2	77 U		78 U	
4-Methylphenol	UG/KG	0	0.00%	900	0	0	0	2	77 U		78 U	
4-Nitroaniline	UG/KG	0	0.00%	0	234643	0	0	2	190 U		190 U	
4-Nitrophenol	UG/KG	0	0.00%	100	4692857	0	0	2	190 U		190 U	
Acenaphthene	UG/KG	0	0.00%	50000	0	0	0	2	77 U		78 U	
Acenaphthylene	UG/KG	0	0.00%	41000	0	0	0	2	77 U		78 U	
Anthracene	UG/KG	0	0.00%	50000	23464286	0	0	2	77 U		78 U	
Benzo[a]anthracene	UG/KG	5.1	50.00%	224	875	0	1	2	5.1 J		78 U	
Benzo[a]pyrene	UG/KG	5.3	50.00%	61	88	0	1	2	5.3 J		78 U	
Benzo[b]fluoranthene	UG/KG	7.5	200.00%	1100	875	0	2	1	7.5 J		7 J Y	
Benzo[ghi]perylene	UG/KG	5.2	50.00%	50000	0	1	2	1	5.2 J		78 U	
Benzo[k]fluoranthene	UG/KG	6.2	50.00%	1100	8750	0	1	2	6.2 J		78 U	
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%	0	0	0	0	2	77 U		78 U	
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%	50000	581	0	0	2	77 U		78 U	
Bis(2-Chloropropyl)ether	UG/KG	0	0.00%	0	9125	0	0	2	77 U		78 U	
Bis(2-Ethylhexyl)phthalate	UG/KG	11	50.00%	50000	45625	0	1	2	11 J		78 U	
Butylbenzylphthalate	UG/KG	0	0.00%	50000	15642857	0	0	2	77 U		78 U	
Carbazole	UG/KG	0	0.00%	0	31938	0	0	2	77 U		78 U	
Chrysene	UG/KG	7.3	50.00%	400	87500	0	1	2	7.3 J		78 U	
Di-n-butylphthalate	UG/KG	0	0.00%	8100	0	0	0	2	77 U		78 U	
Di-n-octylphthalate	UG/KG	0	0.00%	50000	1564286	0	0	2	77 U		78 U	
Dibenz[a,h]anthracene	UG/KG	0	0.00%	14	0	0	0	2	77 U		78 U	
Dibenzofuran	UG/KG	0	0.00%	6200	312857	0	0	2	77 U		78 U	
Diethyl phthalate	UG/KG	12	100.00%	7100	62571429	0	2	2	12 JB		7.2 JB	
Dimethylphthalate	UG/KG	0	0.00%	2000	782142857	0	0	2	77 U		78 U	
Ethylene Glycol	MG/KG	0	0.00%	0	156428571	0	0	2	0		0	
Fluoranthene	UG/KG	12	100.00%	50000	3128571	0	2	2	12 J		6.3 J	
Fluorene	UG/KG	0	0.00%	50000	3128571	0	0	2	77 U		78 U	
Hexachlorobenzene	UG/KG	0	0.00%	410	399	0	0	2	77 U		78 U	
Hexachlorobutadiene	UG/KG	0	0.00%	0	8189	0	0	2	77 U		78 U	
Hexachlorocyclopentadiene	UG/KG	0	0.00%	0	547500	0	0	2	77 U		78 U	
Hexachloroethane	UG/KG	0	0.00%	0	45625	0	0	2	77 U		78 U	
Indeno[1,2,3-cd]pyrene	UG/KG	4.8	50.00%	3200	875	0	1	2	4.8 J		78 U	
Isophorone	UG/KG	0	0.00%	4400	0	0	0	2	77 U		78 U	
N-Nitrosodiphenylamine	UG/KG	0	0.00%	0	130357	0	0	2	77 U		78 U	
N-Nitrosodipropylamine	UG/KG	0	0.00%	0	0	0	0	2	77 U		78 U	
Naphthalene	UG/KG	0	0.00%	13000	3128571	0	0	2	77 U		78 U	
Nitrobenzene	UG/KG	0	0.00%	200	39107	0	0	2	77 U		78 U	
Pentachlorophenol	UG/KG	0	0.00%	1000	5323	0	0	2	190 U		190 U	
Phenanthrene	UG/KG	5.9	50.00%	50000	0	1	2	2	5.9 J		78 U	
Phenol	UG/KG	0	0.00%	30	46928571	0	0	2	77 U		78 U	
Propylene Glycol	MG/KG	0	0.00%	0	0	0	0	2	0		0	
Pyrene	UG/KG	10	100.00%	50000	2346429	0	2	2	10 J		5.5 J	
TPH	MG/KG	0	0.00%	0	0	0	0	2	17.2 U		18.2 U	

Table 13-6
123F - Metals in Soils vs TAGMs
Non-Evaluated EBS Sites

2/17/99

SITE:								SEAD-123F		SEAD-123F		
DESCRIPTION:								Mound North of Post 3		Mound North of Post 3		
LOC ID:								TP123F		TP123F		
SAMP ID:								EB110		EB111		
QC CODE:								SA		SA		
SAMP. DETH TOP:								0.5		1.5		
SAMP. DEPTH BOT:								0.5		1.5		
MATRIX:								SOIL		SOIL		
SAMP. DATE:		FREQUENCY OF				NUMBER ABOVE	NUMBER OF	NUMBER OF	SOIL 5-Mar-98		SOIL 5-Mar-98	
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG	TAGM	DETECTS	ANALYSES	VALUE	Q	VALUE	Q
Aluminum	MG/KG	10600.0	100.0%	19520	78214.286	0	2	2	9000		10600	
Antimony	MG/KG	0.0	0.0%	6	31.285714	0	0	2	0.79 UN		0.81 UN	
Arsenic	MG/KG	4.9	100.0%	8.9	0.42583333	0	2	2	3.7		4.9	
Barium	MG/KG	108.0	100.0%	300	5475	0	2	2	87.7		108	
Beryllium	MG/KG	0.3	100.0%	1.13	0.14854651	0	2	2	0.31 B		0.26 B	
Cadmium	MG/KG	0.0	0.0%	2.46	39.107143	0	0	2	0.07 U		0.07 U	
Calcium	MG/KG	84600.0	100.0%	125300		0	2	2	84600		64100	
Chromium	MG/KG	17.3	100.0%	30	78214	0	2	2	15.2		17.3	
Cobalt	MG/KG	11.6	100.0%	30	4693	0	2	2	10.2 B		11.6	
Copper	MG/KG	26.7	100.0%	33	3129	0	2	2	24.6		26.7	
Cyanide	MG/KG	0.0	0.0%	0.35		0	0	2	0.63 U		0.64 U	
Iron	MG/KG	21800.0	100.0%	37410	23464	0	2	2	19500		21800	
Lead	MG/KG	11.0	100.0%	24.4		0	2	2	9.7		11	
Magnesium	MG/KG	13500.0	100.0%	21700		0	2	2	13500		10800	
Manganese	MG/KG	872.0	100.0%	1100	1799	0	2	2	493		872	
Mercury	MG/KG	0.0	0.0%	0.1	23	0	0	2	0.05 U		0.06 U	
Nickel	MG/KG	35.7	100.0%	50	1564	0	2	2	30.3		35.7	
Potassium	MG/KG	1720.0	100.0%	2623		0	2	2	1550		1720	
Selenium	MG/KG	0.0	0.0%	2	391	0	0	2	1.1 U		1.1 U	
Silver	MG/KG	0.0	0.0%	0.8	391	0	0	2	0.47 U		0.49 U	
Sodium	MG/KG	0.0	0.0%	188		0	0	2	136 U		141 U	
Thallium	MG/KG	0.0	0.0%	0.855	6	0	0	2	1.4 U		1.5 U	
Vanadium	MG/KG	19.2	100.0%	150	548	0	2	2	17.3 E		19.2 E	
Zinc	MG/KG	64.1	100.0%	115	23464.286	0	2	2	61.6		64.1	

Table 13-7
123F - Metals in Soil vs PRG-RES
Non-Evaluated EBS Sites

2/17/99

SITE:
DESCRIPTION:

SEAD-123F
Mound North
of Post 3
TP123F
EB110
SA

SEAD-123F
Mound North
of Post 3
TP123F
EB111
SA

LOC ID:
SAMP ID:
QC CODE:
SAMP. DETH TOP:
SAMP. DEPTH BOT:
MATRIX:
SAMP. DATE:

0.5
0.5

1.5
1.5

SOIL
5-Mar-98

SOIL
5-Mar-98

PARAMETER	UNIT	MAXIMUM	FREQUENCY OF		TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SOIL 5-Mar-98		SOIL 5-Mar-98	
			DETECTION							VALUE	Q	VALUE	Q
Aluminum	MG/KG	10600	100.00%		19520	78214.286	0	2	2	9000		10600	
Antimony	MG/KG	0	0.00%		6	31.285714	0	0	2	0.79 UN		0.81 UN	
Arsenic	MG/KG	4.9	100.00%		8.9	0.42583333	2	2	2	3.7		4.9	
Barium	MG/KG	108	100.00%		300	5475	0	2	2	87.7		108	
Beryllium	MG/KG	0.31	100.00%		1.13	0.14854651	2	2	2	0.31 B		0.26 B	
Cadmium	MG/KG	0	0.00%		2.46	39.107143	0	0	2	0.07 U		0.07 U	
Calcium	MG/KG	84600	100.00%		125300		0	2	2	84600		64100	
Chromium	MG/KG	17.3	100.00%		30	78214	0	2	2	15.2		17.3	
Cobalt	MG/KG	11.6	100.00%		30	4693	0	2	2	10.2 B		11.6	
Copper	MG/KG	26.7	100.00%		33	3129	0	2	2	24.6		26.7	
Cyanide	MG/KG	0	0.00%		0.35		0	0	2	0.63 U		0.64 U	
Iron	MG/KG	21800	100.00%		37410	23464	0	2	2	19500		21800	
Lead	MG/KG	11	100.00%		24.4		0	2	2	9.7		11	
Magnesium	MG/KG	13500	100.00%		21700		0	2	2	13500		10800	
Manganese	MG/KG	872	100.00%		1100	1799	0	2	2	493		872	
Mercury	MG/KG	0	0.00%		0.1	23	0	0	2	0.05 U		0.06 U	
Nickel	MG/KG	35.7	100.00%		50	1564	0	2	2	30.3		35.7	
Potassium	MG/KG	1720	100.00%		2623		0	2	2	1550		1720	
Selenium	MG/KG	0	0.00%		2	391	0	0	2	1.1 U		1.1 U	
Silver	MG/KG	0	0.00%		0.8	391	0	0	2	0.47 U		0.49 U	
Sodium	MG/KG	0	0.00%		188		0	0	2	136 U		141 U	
Thallium	MG/KG	0	0.00%		0.855	6	0	0	2	1.4 U		1.5 U	
Vanadium	MG/KG	19.2	100.00%		150	548	0	2	2	17.3 E		19.2 E	
Zinc	MG/KG	64.1	100.00%		115	23464.286	0	2	2	61.6		64.1	

Table 13-8
123F - Pesticides/PCBs in Soil vs TAGMs
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION:						SEAD-123F Mound North of Post 3		SEAD-123F Mound North of Post 3				
LOC ID						TP123F		TP123F				
SAMP ID:						EB110		EB111				
QC CODE:						SA		SA				
SAMP DETH TOP:						0.5		1.5				
SAMP DEPTH BOT:						0.5		1.5				
MATRIX:						SOIL		SOIL				
SAMP DATE:						5-Mar-98		5-Mar-98				
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q
4,4'-DDD	UG/KG	0	0.00%	2900	2661	0	0	2	3.8 U		3.9 U	
4,4'-DDE	UG/KG	0	0.00%	2100	1879	0	0	2	3.8 U		3.9 U	
4,4'-DDT	UG/KG	0	0.00%	2100	1879	0	0	2	3.8 U		3.9 U	
Aldrin	UG/KG	0	0.00%	41	38	0	0	2	2 U		2 U	
Alpha-BHC	UG/KG	0	0.00%	110		0	0	2	2 U		2 U	
Alpha-Chlordane	UG/KG	0	0.00%			0	0	2	2 U		2 U	
Aroclor-1016	UG/KG	0	0.00%		5475	0	0	2	38 U		39 U	
Aroclor-1221	UG/KG	0	0.00%			0	0	2	78 U		79 U	
Aroclor-1232	UG/KG	0	0.00%			0	0	2	38 U		39 U	
Aroclor-1242	UG/KG	0	0.00%			0	0	2	38 U		39 U	
Aroclor-1248	UG/KG	0	0.00%			0	0	2	38 U		39 U	
Aroclor-1254	UG/KG	0	0.00%	10000	1564	0	0	2	38 U		39 U	
Aroclor-1260	UG/KG	0	0.00%	10000		0	0	2	38 U		39 U	
Beta-BHC	UG/KG	0	0.00%	200		0	0	2	2 U		2 U	
Delta-BHC	UG/KG	0	0.00%	300		0	0	2	2 U		2 U	
Dieldrin	UG/KG	0	0.00%	44	40	0	0	2	3.8 U		3.9 U	
Endosulfan I	UG/KG	0	0.00%	900	469286	0	0	2	2 U		2 U	
Endosulfan II	UG/KG	0	0.00%	900	469286	0	0	2	3.8 U		3.9 U	
Endosulfan sulfate	UG/KG	0	0.00%	1000		0	0	2	3.8 U		3.9 U	
Endrin	UG/KG	0	0.00%	100	23464	0	0	2	3.8 U		3.9 U	
Endrin aldehyde	UG/KG	0	0.00%		23464	0	0	2	3.8 U		3.9 U	
Endrin ketone	UG/KG	0	0.00%		23464	0	0	2	3.8 U		3.9 U	
Gamma-BHC/Lindane	UG/KG	0	0.00%	60		0	0	2	2 U		2 U	
Gamma-Chlordane	UG/KG	0	0.00%	540		0	0	2	2 U		2 U	
Heptachlor	UG/KG	0	0.00%	100	142	0	0	2	2 U		2 U	
Heptachlor epoxide	UG/KG	0	0.00%	20	70	0	0	2	2 U		2 U	
Methoxychlor	UG/KG	0	0.00%		391071	0	0	2	20 U		20 U	
Toxaphene	UG/KG	0	0.00%			0	0	2	200 U		200 U	

Table 13-9
123F - Pesticides/PCBs in Soil vs PRG-RES
Non-Evaluated EBS Sites

SITE:
DESCRIPTION:

SEAD-123F
Mound North
of Post 3

SEAD-123F
Mound North
of Post 3

LOC ID:
SAMP ID:
QC CODE:
SAMP. DETH TOP:
SAMP. DEPTH BOT:
MATRIX:
SAMP. DATE:

TP123F
EB110
SA

TP123F
EB111
SA

0.5
0.5

1.5
1.5

SOIL
5-Mar-98

SOIL
5-Mar-98

PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q
4,4'-DDD	UG/KG	0	0.00%	2900	2661	0	0	2	3.8 U		3.9 U	
4,4'-DDE	UG/KG	0	0.00%	2100	1879	0	0	2	3.8 U		3.9 U	
4,4'-DDT	UG/KG	0	0.00%	2100	1879	0	0	2	3.8 U		3.9 U	
Aldrin	UG/KG	0	0.00%	41	38	0	0	2	2 U		2 U	
Alpha-BHC	UG/KG	0	0.00%	110		0	0	2	2 U		2 U	
Alpha-Chlordane	UG/KG	0	0.00%			0	0	2	2 U		2 U	
Aroclor-1016	UG/KG	0	0.00%		5475	0	0	2	38 U		39 U	
Aroclor-1221	UG/KG	0	0.00%			0	0	2	78 U		79 U	
Aroclor-1232	UG/KG	0	0.00%			0	0	2	38 U		39 U	
Aroclor-1242	UG/KG	0	0.00%			0	0	2	38 U		39 U	
Aroclor-1248	UG/KG	0	0.00%			0	0	2	38 U		39 U	
Aroclor-1254	UG/KG	0	0.00%	10000	1564	0	0	2	38 U		39 U	
Aroclor-1260	UG/KG	0	0.00%	10000		0	0	2	38 U		39 U	
Beta-BHC	UG/KG	0	0.00%	200		0	0	2	2 U		2 U	
Delta-BHC	UG/KG	0	0.00%	300		0	0	2	2 U		2 U	
Dieldrin	UG/KG	0	0.00%	44	40	0	0	2	3.8 U		3.9 U	
Endosulfan I	UG/KG	0	0.00%	900	469286	0	0	2	2 U		2 U	
Endosulfan II	UG/KG	0	0.00%	900	469286	0	0	2	3.8 U		3.9 U	
Endosulfan sulfate	UG/KG	0	0.00%	1000		0	0	2	3.8 U		3.9 U	
Endrin	UG/KG	0	0.00%	100	23464	0	0	2	3.8 U		3.9 U	
Endrin aldehyde	UG/KG	0	0.00%		23464	0	0	2	3.8 U		3.9 U	
Endrin ketone	UG/KG	0	0.00%		23464	0	0	2	3.8 U		3.9 U	
Gamma-BHC/Lindane	UG/KG	0	0.00%	60		0	0	2	2 U		2 U	
Gamma-Chlordane	UG/KG	0	0.00%	540		0	0	2	2 U		2 U	
Heptachlor	UG/KG	0	0.00%	100	142	0	0	2	2 U		2 U	
Heptachlor epoxide	UG/KG	0	0.00%	20	70	0	0	2	2 U		2 U	
Methoxychlor	UG/KG	0	0.00%		391071	0	0	2	20 U		20 U	
Toxaphene	UG/KG	0	0.00%			0	0	2	200 U		200 U	

SEAD-68

Old Pest Control Shop (Building S-335)

Table 15-1

Sample Collection Information
SEAD-68 - Old Pest Control Shop (Building S-335)

12 Moderate EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SURFACE SOIL	SS68-1	EB142	3/10/98	0.0	0.2	SA	Location is east of the garage door on the southern corner of the building. This is a potential discharge location outside the building because of its close proximity to the bay door.
SURFACE SOIL	SS68-2	EB143	3/10/98	0.0	0.2	SA	Location is immediately outside the door on the southeastern side of the building. This is a potential discharge location outside the building because of its close proximity to the doorway.
SURFACE SOIL	SS68-3	EB144	3/10/98	0.0	0.2	SA	Location is immediately outside the door on the northeastern side of the building. This is a potential discharge location outside the building because of its proximity to the doorway.
SURFACE SOIL	SS68-4	EB145	3/10/98	0.0	0.2	SA	Location is near an outside corner of the building, north of the door on the northwestern side of the building. This is a potential discharge location outside the building because of its proximity to the doorway.
SURFACE SOIL	SS68-5	EB146	3/10/98	0.0	0.2	SA	Location is west of the garage door on the western corner of the building. This is a potential discharge location outside the building because of its close proximity to the doorway.
SOIL	SB68-1	EB250	3/16/98	0.0	0.3	SA	Location is east of the garage door on the southern side of the building. This is a potential discharge location outside the building because of its proximity to the doorway, and its downgradient location.

Table 15-1

Sample Collection Information
SEAD-68 - Old Pest Control Shop (Building S-335)

12 Moderate EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	SB68-1	EB251	3/16/98	4.5	4.8	SA	Same location as above, sample collected at bottom of boring because of shallow depth to bedrock and no impacts to subsurface soils
SOIL	SB68-2	EB248	3/16/98	0.0	0.2	SA	Location is west of the garage door on the western corner of the building. This is a potential discharge location outside the building because of its close proximity to the doorway, and its downgradient location.
SOIL	SB68-2	EB249	3/16/98	4.0	4.4	SA	Same location as above, sample collected at bottom of boring because of shallow depth to bedrock, and no impact to subsurface soil was observed.
WATER	SS68-1	EB031	3/20/98	0.0	0.0	RB	NA

Notes

SA - Sample

RB - Rinse Blank

NA - Not Applicable

Table 15-2
68 - Volatiles in Soil vs TAGMs
Non-Evaluated EBS Sites

2/17/99

SITE:
DESCRIPTION:

SEAD-68
Old Pesticide
Control Shop
(Bldg. S-335)

SEAD-68
Old Pesticide
Control Shop
(Bldg. S-335)

LOC ID:
SAMP_ID:
QC CODE:
SAMP. DETH TOP:
SAMP. DEPTH BOT:
MATRIX:
SAMP. DATE:

SB68-1
EB250
SA
0
0.3
SOIL

SB68-1
EB251
SA
4.5
4.8
SOIL

PARAMETER	UNIT	FREQUENCY OF		TAGM	PRG	NUMBER ABOVE	NUMBER OF	NUMBER OF	3/16/98		3/16/98	
		MAXIMUM	DETECTION			TAGM	DETECTS	ANALYSES	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	UG/KG	0.0	0.00%	800	18396000	0	0	9	11 U			11 U
1,1,2,2-Tetrachloroethane	UG/KG	0.0	0.00%	600	286160	0	0	9	11 U			11 U
1,1,2-Trichloroethane	UG/KG	0.0	0.00%		100407	0	0	9	11 U			11 U
1,1-Dichloroethane	UG/KG	0.0	0.00%	200	52560000	0	0	9	11 U			11 U
1,1-Dichloroethene	UG/KG	0.0	0.00%	400	9539	0	0	9	11 U			11 U
1,2-Dichloroethane	UG/KG	0.0	0.00%	100	62892	0	0	9	11 U			11 U
1,2-Dichloroethene (total)	UG/KG	0.0	0.00%			0	0	9	11 U			11 U
1,2-Dichloropropane	UG/KG	0.0	0.00%		84165	0	0	9	11 U			11 U
Acetone	UG/KG	41.0	55.56%	200	52560000	0	5	9	28			41
Benzene	UG/KG	2.0	22.22%	60	197352	0	2	9	11 U			2 J
Bromodichloromethane	UG/KG	0.0	0.00%		92310	0	0	9	11 U			11 U
Bromoform	UG/KG	0.0	0.00%		724456	0	0	9	11 U			11 U
Carbon disulfide	UG/KG	0.0	0.00%	2700	52560000	0	0	9	11 U			11 U
Carbon tetrachloride	UG/KG	0.0	0.00%	600	44025	0	0	9	11 U			11 U
Chlorobenzene	UG/KG	0.0	0.00%	1700	10512000	0	0	9	11 U			11 U
Chlorodibromomethane	UG/KG	0.0	0.00%		68133	0	0	9	11 U			11 U
Chloroethane	UG/KG	0.0	0.00%	1900	210240000	0	0	9	11 U			11 U
Chloroform	UG/KG	4.0	11.11%	300	938230	0	1	9	11 U			4 J
Cis-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	9	11 U			11 U
Ethyl benzene	UG/KG	0.0	0.00%	5500	52560000	0	0	9	11 U			11 U
Methyl bromide	UG/KG	0.0	0.00%		751608	0	0	9	11 U			11 U
Methyl butyl ketone	UG/KG	0.0	0.00%			0	0	9	11 U			11 U
Methyl chloride	UG/KG	0.0	0.00%		440246	0	0	9	11 U			11 U
Methyl ethyl ketone	UG/KG	0.0	0.00%	300		0	0	9	11 U			11 U
Methyl isobutyl ketone	UG/KG	0.0	0.00%	1000	42048000	0	0	9	11 U			11 U
Methylene chloride	UG/KG	0.0	0.00%	100	763093	0	0	9	11 U			11 U
Styrene	UG/KG	0.0	0.00%			0	0	9	11 U			11 U
Tetrachloroethene	UG/KG	0.0	0.00%	1400	110062	0	0	9	11 U			11 U
Toluene	UG/KG	56.0	77.78%	1500	105120000	0	7	9	9 J			21
Total Xylenes	UG/KG	5.0	22.22%	1200	1051200000	0	2	9	11 U			11 U
Trans-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	9	11 U			11 U
Trichloroethene	UG/KG	5.0	11.11%	700	520291	0	1	9	11 U			11 U
Vinyl chloride	UG/KG	0.0	0.00%	200	3012	0	0	9	11 U			11 U

Table 15-2
68 - Volatiles in Soil vs TAGMs
Non-Evaluated EBS Sites

2/17/99

SITE:	SEAD-68	SEAD-68	SEAD-68	SEAD-68	SEAD-68	SEAD-68	SEAD-68	
DESCRIPTION:	Old Pesticide Control Shop (Bldg. S-335)	Old Pesticide Control Shop (Bldg. S-335)	Old Pesticide Control Shop (Bldg. S-335)	Old Pesticide Control Shop (Bldg. S-335)	Old Pesticide Control Shop (Bldg. S-335)	Old Pesticide Control Shop (Bldg. S-335)	Old Pesticide Control Shop (Bldg. S-335)	
LOC ID:	SB68-2	SB68-2	SS68-1	SS68-2	SS68-3	SS68-4	SS68-5	
SAMP_ID:	EB248	EB249	EB142	EB143	EB144	EB145	EB146	
QC CODE:	SA	SA	SA	SA	SA	SA	SA	
SAMP_DEPTH TOP:	0	4	0	0	0	0	0	
SAMP_DEPTH BOT:	0.2	4.4	0.2	0.2	0.2	0.2	0.2	
MATRIX:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
SAMP_DATE:	3/16/98	3/16/98	3/10/98	3/10/98	3/10/98	3/10/98	3/10/98	
PARAMETER	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	11 U		10 U		11 U		12 U	
1,1,2,2-Tetrachloroethane	11 U		10 U		11 U		12 U	
1,1,2-Trichloroethane	11 U		10 U		11 U		12 U	
1,1-Dichloroethane	11 U		10 U		11 U		12 U	
1,1-Dichloroethene	11 U		10 U		11 U		12 U	
1,2-Dichloroethane	11 U		10 U		11 U		12 U	
1,2-Dichloroethene (total)	11 U		10 U		11 U		12 U	
1,2-Dichloropropane	11 U		10 U		11 U		12 U	
Acetone	11 U	24		7 JB	12 U		13 U	8 JB
Benzene	11 U		2 J		11 U		12 U	
Bromodichloromethane	11 U		10 U		11 U		12 U	
Bromoform	11 U		10 U		11 U		12 U	
Carbon disulfide	11 U		10 U		11 U		12 U	
Carbon tetrachloride	11 U		10 U		11 U		12 U	
Chlorobenzene	11 U		10 U		11 U		12 U	
Chlorodibromomethane	11 U		10 U		11 U		12 U	
Chloroethane	11 U		10 U		11 U		12 U	
Chloroform	11 U		10 U		11 U		12 U	
Cis-1,3-Dichloropropene	11 U		10 U		11 U		12 U	
Ethyl benzene	11 U		10 U		11 U		12 U	
Methyl bromide	11 U		10 U		11 U		12 U	
Methyl butyl ketone	11 U		10 U		11 U		12 U	
Methyl chloride	11 U		10 U		11 U		12 U	
Methyl ethyl ketone	11 U		10 U		11 U		12 U	
Methyl isobutyl ketone	11 U		10 U		11 U		12 U	
Methylene chloride	11 U		10 U		11 U		12 U	
Styrene	11 U		10 U		11 U		12 U	
Tetrachloroethane	11 U		10 U		11 U		12 U	
Toluene	30		56		8 J		12 U	4 J
Total Xylenes	2 J		5 J		11 U		12 U	13 U
Trans-1,3-Dichloropropene	11 U		10 U		11 U		12 U	13 U
Trichloroethene	11 U		5 J		11 U		12 U	13 U
Vinyl chloride	11 U		10 U		11 U		12 U	13 U

Table 15-3
68 - Volatiles in Soil vs PRG-IND
Non-Evaluated EBS Sites

2/17/99

SITE:
DESCRIPTION:

SEAD-68
Old Pesticide
Control Shop
(Bldg. S-335)

SEAD-68
Old Pesticide
Control Shop
(Bldg. S-335)

SEAD-68
Old Pesticide
Control Shop
(Bldg. S-335)

LOC ID:
SAMP_ID:
QC CODE:
SAMP. DEPTH TOP:
SAMP. DEPTH BOT:
MATRIX:
SAMP. DATE:

SB68-1
EB250
SA
0
0.3
SOIL

SB68-1
EB251
SA
4.5
4.8
SOIL

SB68-2
EB248
SA
0
0.2
SOIL

PARAMETER	UNIT	FREQUENCY OF		TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	3/16/98		3/16/98		3/16/98
		MAXIMUM	DETECTION						VALUE	Q	VALUE	Q	
1,1,1-Trichloroethane	UG/KG	0.0	0.00%	800	18396000	0	0	9	11 U		11 U		11
1,1,2,2-Tetrachloroethane	UG/KG	0.0	0.00%	600	286160	0	0	9	11 U		11 U		11
1,1,2-Trichloroethane	UG/KG	0.0	0.00%		100407	0	0	9	11 U		11 U		11
1,1-Dichloroethane	UG/KG	0.0	0.00%	200	52560000	0	0	9	11 U		11 U		11
1,1-Dichloroethene	UG/KG	0.0	0.00%	400	9539	0	0	9	11 U		11 U		11
1,2-Dichloroethane	UG/KG	0.0	0.00%	100	62892	0	0	9	11 U		11 U		11
1,2-Dichloroethene (total)	UG/KG	0.0	0.00%			0	0	9	11 U		11 U		11
1,2-Dichloropropane	UG/KG	0.0	0.00%		84165	0	0	9	11 U		11 U		11
Acetone	UG/KG	41.0	55.56%	200	52560000	0	5	9	28		41		11
Benzene	UG/KG	2.0	22.22%	60	197352	0	2	9	11 U		2 J		11
Bromodichloromethane	UG/KG	0.0	0.00%		92310	0	0	9	11 U		11 U		11
Bromoform	UG/KG	0.0	0.00%		724456	0	0	9	11 U		11 U		11
Carbon disulfide	UG/KG	0.0	0.00%	2700	52560000	0	0	9	11 U		11 U		11
Carbon tetrachloride	UG/KG	0.0	0.00%	600	44025	0	0	9	11 U		11 U		11
Chlorobenzene	UG/KG	0.0	0.00%	1700	10512000	0	0	9	11 U		11 U		11
Chlorodibromomethane	UG/KG	0.0	0.00%		68133	0	0	9	11 U		11 U		11
Chloroethane	UG/KG	0.0	0.00%	1900	210240000	0	0	9	11 U		11 U		11
Chloroform	UG/KG	4.0	11.11%	300	938230	0	1	9	11 U		4 J		11
Cis-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	9	11 U		11 U		11
Ethyl benzene	UG/KG	0.0	0.00%	5500	52560000	0	0	9	11 U		11 U		11
Methyl bromide	UG/KG	0.0	0.00%		751608	0	0	9	11 U		11 U		11
Methyl butyl ketone	UG/KG	0.0	0.00%			0	0	9	11 U		11 U		11
Methyl chloride	UG/KG	0.0	0.00%		440246	0	0	9	11 U		11 U		11
Methyl ethyl ketone	UG/KG	0.0	0.00%	300		0	0	9	11 U		11 U		11
Methyl isobutyl ketone	UG/KG	0.0	0.00%	1000	42048000	0	0	9	11 U		11 U		11
Methylene chloride	UG/KG	0.0	0.00%	100	763093	0	0	9	11 U		11 U		11
Styrene	UG/KG	0.0	0.00%			0	0	9	11 U		11 U		11
Tetrachloroethene	UG/KG	0.0	0.00%	1400	110062	0	0	9	11 U		11 U		11
Toluene	UG/KG	56.0	77.78%	1500	105120000	0	7	9	9 J		21		30
Total Xylenes	UG/KG	5.0	22.22%	1200	1051200000	0	2	9	11 U		11 U		2
Trans-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	9	11 U		11 U		11
Trichloroethene	UG/KG	5.0	11.11%	700	520291	0	1	9	11 U		11 U		11
Vinyl chloride	UG/KG	0.0	0.00%	200	3012	0	0	9	11 U		11 U		11

Table 15-3
68 - Volatiles in Soil vs PRG-IND
Non-Evaluated EBS Sites

2/17/99

SITE:	SEAD-68		SEAD-68		SEAD-68		SEAD-68		SEAD-68		SEAD-68		
DESCRIPTION:	Old Pesticide Control Shop (Bldg S-335)		Old Pesticide Control Shop (Bldg S-335)		Old Pesticide Control Shop (Bldg S-335)		Old Pesticide Control Shop (Bldg S-335)		Old Pesticide Control Shop (Bldg S-335)		Old Pesticide Control Shop (Bldg S-335)		
LOC ID:	SB68-2		SS68-1		SS68-2		SS68-3		SS68-4		SS68-5		
SAMP_ID:	EB249		EB142		EB143		EB144		EB145		EB146		
QC CODE:	SA		SA		SA		SA		SA		SA		
SAMP. DETH TOP:	4		0		0		0		0		0		
SAMP. DEPTH BOT:	4.4		0.2		0.2		0.2		0.2		0.2		
MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
SAMP. DATE:	3/16/98		3/10/98		3/10/98		3/10/98		3/10/98		3/10/98		
PARAMETER	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	
1,1,1-Trichloroethane	U		10 U		11 U		12 U		12 U		13 U		11 U
1,1,2,2-Tetrachloroethane	U		10 U		11 U		12 U		12 U		13 U		11 U
1,1,2-Trichloroethane	U		10 U		11 U		12 U		12 U		13 U		11 U
1,1-Dichloroethane	U		10 U		11 U		12 U		12 U		13 U		11 U
1,1-Dichloroethene	U		10 U		11 U		12 U		12 U		13 U		11 U
1,2-Dichloroethane	U		10 U		11 U		12 U		12 U		13 U		11 U
1,2-Dichloroethene (total)	U		10 U		11 U		12 U		12 U		13 U		11 U
1,2-Dichloropropane	U		10 U		11 U		12 U		12 U		13 U		11 U
Acetone	U		24		7 JB		12 U		12 U		13 U		8 JB
Benzene	U		2 J		11 U		12 U		12 U		13 U		11 U
Bromodichloromethane	U		10 U		11 U		12 U		12 U		13 U		11 U
Bromoform	U		10 U		11 U		12 U		12 U		13 U		11 U
Carbon disulfide	U		10 U		11 U		12 U		12 U		13 U		11 U
Carbon tetrachloride	U		10 U		11 U		12 U		12 U		13 U		11 U
Chlorobenzene	U		10 U		11 U		12 U		12 U		13 U		11 U
Chlorodibromomethane	U		10 U		11 U		12 U		12 U		13 U		11 U
Chloroethane	U		10 U		11 U		12 U		12 U		13 U		11 U
Chloroform	U		10 U		11 U		12 U		12 U		13 U		11 U
Cis-1,3-Dichloropropene	U		10 U		11 U		12 U		12 U		13 U		11 U
Ethyl benzene	U		10 U		11 U		12 U		12 U		13 U		11 U
Methyl bromide	U		10 U		11 U		12 U		12 U		13 U		11 U
Methyl butyl ketone	U		10 U		11 U		12 U		12 U		13 U		11 U
Methyl chloride	U		10 U		11 U		12 U		12 U		13 U		11 U
Methyl ethyl ketone	U		10 U		11 U		12 U		12 U		13 U		11 U
Methyl isobutyl ketone	U		10 U		11 U		12 U		12 U		13 U		11 U
Methylene chloride	U		10 U		11 U		12 U		12 U		13 U		11 U
Styrene	U		10 U		11 U		12 U		12 U		13 U		11 U
Tetrachloroethene	U		10 U		11 U		12 U		12 U		13 U		11 U
Toluene			56		8 J		12 U		12 U		4 J		2 J
Total Xylenes	J		5 J		11 U		12 U		12 U		13 U		11 U
Trans-1,3-Dichloropropene	U		10 U		11 U		12 U		12 U		13 U		11 U
Trichloroethene	U		5 J		11 U		12 U		12 U		13 U		11 U
Vinyl chloride	U		10 U		11 U		12 U		12 U		13 U		11 U

Table 15-4
68 - Semivolatile in Soil vs TAGMs
Non-Valuated LBS Sites

SITE DESCRIPTION	SEAD-68		SEAD-68		SEAD-68		SEAD-68		SEAD-68									
	Old Pesticide Control Shop (Bldg. S-335)		Old Pesticide Control Shop (Bldg. S-335)		Old Pesticide Control Shop (Bldg. S-335)		Old Pesticide Control Shop (Bldg. S-335)		Old Pesticide Control Shop (Bldg. S-335)									
LOC ID	SB68-1		SB68-1		SB68-2		SB68-2		SB68-1									
SAMP_ID	EB250		EB251		EB248		EB249		EB142									
QC CODE	SA		SA		SA		SA		SA									
SAMP_DEPTH TOP	0		4.5		0		4		0									
SAMP_DEPTH BOT	0.3		4.8		0.2		4.4		0.2									
MATRIX	SOIL		SOIL		SOIL		SOIL		SOIL									
SAMP DATE	3/16/98		3/16/98		3/16/98		3/16/98		3/10/98									
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
N-Nitrosodiphenylamine	UG/KG	0.0	0.00%		1168000	0	0	9	69 U		69 U		71 U		69 U		140 U	
N-Nitrosodipropylamine	UG/KG	0.0	0.00%		818	0	0	9	69 U		69 U		71 U		69 U		140 U	
Naphthalene	UG/KG	78.0	22.22%	13000	21024000	0	2	9	69 U		69 U		71 U		69 U		140 U	
Nitrobenzene	UG/KG	0.0	0.00%	200	262800	0	0	9	69 U		69 U		71 U		69 U		140 U	
Pentachlorophenol	UG/KG	0.0	0.00%	1000	47693	0	0	9	170 U		170 U		170 U		170 U		350 U	
Phenanthrene	UG/KG	480.0	77.78%	50000		0	7	9	69 U		69 U		42 J		11 J		350	
Phenol	UG/KG	0.0	0.00%	30	315360000	0	0	9	69 U		69 U		71 U		69 U		140 U	
Pyrene	UG/KG	1500.0	100.00%	50000	15768000	0	9	9	4.3 J		11 J		94		16 J		840	

Table 15-4
 68 - Semivolatiles in Soil vs TAGMs
 Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION:	SEAD-68 Old Pesticide Control Shop (Bldg. S-335)	SEAD-68 Old Pesticide Control Shop (Bldg. S-335)	SEAD-68 Old Pesticide Control Shop (Bldg. S-335)	SEAD-68 Old Pesticide Control Shop (Bldg. S-335)				
LOC ID:	SS68-2	SS68-3	SS68-4	SS68-5				
SAMP_ID:	EB143	EB144	EB145	EB146				
QC CODE:	SA	SA	SA	SA				
SAMP. DETH TOP:	0	0	0	0				
SAMP DEPTH BOT:	0.2	0.2	0.2	0.2				
MATRIX:	SOIL	SOIL	SOIL	SOIL				
SAMP DATE:	3/10/98	3/10/98	3/10/98	3/10/98				
PARAMETER	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	76 U		310 U		410 U		77 U	
1,2-Dichlorobenzene	76 U		310 U		410 U		77 U	
1,3-Dichlorobenzene	76 U		310 U		410 U		77 U	
1,4-Dichlorobenzene	76 U		310 U		410 U		77 U	
2,4,5-Trichlorophenol	180 U		740 U		1000 U		190 U	
2,4,6-Trichlorophenol	76 U		310 U		410 U		77 U	
2,4-Dichlorophenol	76 U		310 U		410 U		77 U	
2,4-Dimethylphenol	76 U		310 U		410 U		77 U	
2,4-Dinitrophenol	180 U		740 U		1000 U		190 U	
2,4-Dinitrotoluene	76 U		310 U		410 U		77 U	
2,6-Dinitrotoluene	76 U		310 U		410 U		77 U	
2-Chloronaphthalene	76 U		310 U		410 U		77 U	
2-Chlorophenol	76 U		310 U		410 U		77 U	
2-Methylnaphthalene	76 U		310 U		310 J		7.9 J	
2-Methylphenol	76 U		310 U		410 U		77 U	
2-Nitroaniline	180 U		740 U		1000 U		190 U	
2-Nitrophenol	76 U		310 U		410 U		77 U	
3,3'-Dichlorobenzidine	76 U		310 U		410 U		77 U	
3-Nitroaniline	180 U		740 U		1000 U		190 U	
4,6-Dintro-2-methylphenol	180 U		740 U		1000 U		190 U	
4-Bromophenyl phenyl ether	76 U		310 U		410 U		77 U	
4-Chloro-3-methylphenol	76 U		310 U		410 U		77 U	
4-Chloroaniline	76 U		310 U		410 U		77 U	
4-Chlorophenyl phenyl ether	76 U		310 U		410 U		77 U	
4-Methylphenol	76 U		310 U		410 U		77 U	
4-Nitroaniline	180 U		740 U		1000 U		190 U	
4-Nitrophenol	180 U		740 U		1000 U		190 U	
Acenaphthene	4.8 J		49 J		410 U		14 J	
Acenaphthylene	76 U		310 U		410 U		77 U	
Anthracene	7.5 J		97 J		31 J		23 J	
Benzo[a]anthracene	86 J		596		100 J		130	
Benzo[a]pyrene	77		776		126 J		136	
Benzo[b]fluoranthene	110		940		130 J		170	
Benzo[ghi]perylene	64 J		420		110 J		100	
Benzo[k]fluoranthene	100		830		150 J		180	
Bis(2-Chloroethoxy)methane	76 U		310 U		410 U		77 U	
Bis(2-Chloroethoxy)ether	76 U		310 U		410 U		77 U	
Bis(2-Chloroisopropyl)ether	76 U		310 U		410 U		77 U	
Bis(2-Ethylhexyl)phthalate	14 JB		120 JB		58 JB		150 B	
Butylbenzylphthalate	76 U		18 J		410 U		8.7 J	
Carbazole	13 J		80 J		46 J		36 J	
Chrysene	94		1000		150 J		160	
Di-n-butylphthalate	76 U		310 U		36 JB		14 JB	
Di-n-octylphthalate	76 U		18 J		410 U		77 U	
Dibenz[a,h]anthracene	26 J		226 J		56 J		80 J	
Dibenzofuran	76 U		18 J		43 J		6.6 J	
Diethyl phthalate	13 JB		23 JB		34 JB		14 JB	
Dimethylphthalate	76 U		310 U		410 U		77 U	
Fluoranthene	150		1500		220 J		320	
Fluorene	76 U		34 J		27 J		12 J	
Hexachlorobenzene	76 U		310 U		410 U		77 U	
Hexachlorobutadiene	76 U		310 U		410 U		77 U	
Hexachlorocyclopentadiene	76 U		310 U		410 U		77 U	
Hexachloroethane	76 U		310 U		410 U		77 U	
Indeno[1,2,3-cd]pyrene	81 J		400		96 J		98	
Isophorone	76 U		310 U		410 U		77 U	

Table 15-1
68 - Semivolatiles in Soil vs TAGM
Non-Evaluated FHS Sites

SITE DESCRIPTION	SEAD-68 Old Pesticide Control Shop (Bldg S-335)		SEAD-68 Old Pesticide Control Shop (Bldg S-335)		SEAD-68 Old Pesticide Control Shop (Bldg S-335)		SEAD-68 Old Pesticide Control Shop (Bldg S-335)			
	LOC ID	SS68-2	SS68-3	SS68-4	SS68-5	SAMP_ID	EB143	EB144	EB145	EB146
QC CODE	SA	SA	SA	SA	SA	SAMP DEPTH TOP	0	0	0	0
SAMP DEPTH BOT	0.2	0.2	0.2	0.2	0.2	MATRIX	SOIL	SOIL	SOIL	SOIL
SAMP DATE	3/10/98	3/10/98	3/10/98	3/10/98	3/10/98	PARAMETER	VALUE	Q	VALUE	Q
						N-Nitrosodiphenylamine	76	U	310	U
						N-Nitrosodipropylamine	76	U	310	U
						Naphthalene	76	U	310	U
						Nitrobenzene	76	U	310	U
						Penachlorophenol	180	U	740	U
						Phenanthrene	54	J	480	J
						Phenol	76	U	310	U
						Pyrene	150		1500	
									410	U
									410	U
									78	J
									410	U
									1000	U
									210	J
									410	U
									310	J

Table 15-5
68 - Semivolatiles in Soil vs PRG-IND
Non-Evaluated EHS Sites

2/17/99

SITE DESCRIPTION		SEAD-68 Old Pesticide Control Shop (Bldg. S-335)		SEAD-68 Old Pesticide Control Shop (Bldg. S-335)		SEAD-68 Old Pesticide Control Shop (Bldg. S-335)		SEAD-68 Old Pesticide Control Shop (Bldg. S-335)		SEAD-68 Old Pesticide Control Shop (Bldg. S-335)	
LOC ID		SB68-1		SB68-1		SB68-2		SB68-2		SS68-1	
SAMP_ID		EB250		EB251		EB248		EB249		EB142	
QC CODE		SA		SA		SA		SA		SA	
SAMP DETH TOP		0		4.5		0		4		0	
SAMP DEPTH BOT		0.3		4.8		0.2		4.4		0.2	
MATRIX		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMP DATE											
PARAMETER	UNIT	FREQUENCY OF		NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	3/16/98	3/16/98	3/16/98	3/16/98	3/10/98
		MAXIMUM	DETECTION	TAGM	PRG	VALUE	Q	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	0.0	0.00%	3400	5256000	0	0	69 U	71 U	69 U	140 U
1,2-Dichlorobenzene	UG/KG	0.0	0.00%	7900	47304000	0	0	69 U	69 U	71 U	140 U
1,3-Dichlorobenzene	UG/KG	0.0	0.00%	1600	46778400	0	0	69 U	69 U	71 U	140 U
1,4-Dichlorobenzene	UG/KG	0.0	0.00%	8500	238467	0	0	69 U	69 U	71 U	140 U
2,4,5-Trichlorophenol	UG/KG	0.0	0.00%	100	52560000	0	0	170 U	170 U	170 U	350 U
2,4,6-Trichlorophenol	UG/KG	0.0	0.00%		520291	0	0	69 U	69 U	71 U	140 U
2,4-Dichlorophenol	UG/KG	0.0	0.00%	400	1576800	0	0	69 U	69 U	71 U	140 U
2,4-Dimethylphenol	UG/KG	0.0	0.00%		10512000	0	0	69 U	69 U	71 U	140 U
2,4-Dinitrophenol	UG/KG	0.0	0.00%	200	1051200	0	0	170 U	170 U	170 U	350 U
2,4-Dinitrotoluene	UG/KG	0.0	0.00%		1051200	0	0	69 U	69 U	71 U	140 U
2,6-Dinitrotoluene	UG/KG	0.0	0.00%	1000	525600	0	0	69 U	69 U	71 U	140 U
2-Chloronaphthalene	UG/KG	0.0	0.00%			0	0	69 U	69 U	71 U	140 U
2-Chlorophenol	UG/KG	0.0	0.00%	800	2628000	0	0	69 U	69 U	71 U	140 U
2-Methylnaphthalene	UG/KG	310.0	44.44%	36400		0	4	69 U	69 U	4.9 J	8.7 J
2-Methylphenol	UG/KG	0.0	0.00%	100	26280000	0	0	69 U	69 U	71 U	140 U
2-Nitroaniline	UG/KG	0.0	0.00%	430	31536	0	0	170 U	170 U	170 U	350 U
2-Nitrophenol	UG/KG	0.0	0.00%	330		0	0	69 U	69 U	71 U	140 U
3,3-Dichlorobenzidine	UG/KG	0.0	0.00%		12718	0	0	69 U	69 U	71 U	140 U
3-Nitroaniline	UG/KG	0.0	0.00%	500	1576800	0	0	170 U	170 U	170 U	350 U
4,6-Dinitro-2-methylphenol	UG/KG	0.0	0.00%			0	0	170 U	170 U	170 U	350 U
4-Bromophenyl phenyl ether	UG/KG	0.0	0.00%		30484800	0	0	69 U	69 U	71 U	140 U
4-Chloro-3-methylphenol	UG/KG	0.0	0.00%	240		0	0	69 U	69 U	71 U	140 U
4-Chloroaniline	UG/KG	0.0	0.00%	220	2102400	0	0	69 U	69 U	71 U	140 U
4-Chlorophenyl phenyl ether	UG/KG	0.0	0.00%			0	0	69 U	69 U	71 U	140 U
4-Methylphenol	UG/KG	0.0	0.00%	900		0	0	69 U	69 U	71 U	140 U
4-Nitroaniline	UG/KG	0.0	0.00%		1576800	0	0	170 U	170 U	170 U	350 U
4-Nitrophenol	UG/KG	0.0	0.00%	100	31536000	0	0	170 U	170 U	170 U	350 U
Acenaphthene	UG/KG	49.0	44.44%	50000		0	4	69 U	69 U	71 U	34 J
Acenaphthylene	UG/KG	0.0	0.00%	41000		0	0	69 U	69 U	71 U	140 U
Anthracene	UG/KG	97.0	66.67%	50000	157680000	0	6	69 U	69 U	6 J	53 J
Benzo[a]anthracene	UG/KG	900.0	88.89%	224	7840	0	8	69 U	7.2 J	46 J	9.6 J
Benzo[a]pyrene	UG/KG	770.0	88.89%	61	784	0	8	69 U	6.7 J	50 J	9 J
Benzo[b]fluoranthene	UG/KG	940.0	88.89%	1100	7840	0	8	69 U	7.4 J	68 J	10 J
Benzo[ghi]perylene	UG/KG	420.0	88.89%	50000		0	8	69 U	7.1 J	47 J	12 J
Benzo[k]fluoranthene	UG/KG	830.0	88.89%	1100	78400	0	8	69 U	8.2 J	58 J	12 J
Bis(2-Chloroethoxy)methane	UG/KG	0.0	0.00%			0	0	69 U	69 U	71 U	140 U
Bis(2-Chloroethoxy)ether	UG/KG	0.0	0.00%		5203	0	0	69 U	69 U	71 U	140 U
Bis(2-Chloroisopropoxy)ether	UG/KG	0.0	0.00%		81760	0	0	69 U	69 U	71 U	140 U
Bis(2-Ethylhexyl)phthalate	UG/KG	150.0	112.50%	50000	408800	0	9	4.8 JB	11 JB	27 JB	6.6 JB
Butylbenzylphthalate	UG/KG	18.0	55.56%	50000	105120000	0	5	69 U	4.9 J	6.5 J	15 J
Carbazole	UG/KG	80.0	66.67%	400	286160	0	6	69 U	69 U	9.3 J	67 J
Chrysene	UG/KG	1000.0	100.00%		784000	0	9	4 J	8.8 J	60 J	14 J
Di-n-butylphthalate	UG/KG	36.0	62.50%	8100		0	5	69 U	4.2 J	3.8 J	7.3 JB
Di-n-octylphthalate	UG/KG	18.0	11.11%	50000	10512000	0	1	69 U	69 U	71 U	140 U
Dibenz[a,h]anthracene	UG/KG	220.0	88.89%	14	784	0	8	69 U	5 J	17 J	4.8 J
Dibenzofuran	UG/KG	43.0	44.44%	6200	2102400	0	4	69 U	69 U	71 U	13 J
Diethyl phthalate	UG/KG	34.0	112.50%	7100	420480000	0	9	6.1 JB	6.5 JB	8.2 JB	12 JB
Dimethylphthalate	UG/KG	0.0	0.00%	2000	525600000	0	0	69 U	69 U	71 U	140 U
Fluoranthene	UG/KG	1500.0	100.00%	50000	21024000	0	9	6.1 J	14 J	120	23 J
Fluorene	UG/KG	34.0	44.44%	50000	21024000	0	4	69 U	69 U	71 U	22 J
Hexachlorobenzene	UG/KG	0.0	0.00%	410	3577	0	0	69 U	69 U	71 U	140 U
Hexachlorobutadiene	UG/KG	0.0	0.00%		73374	0	0	69 U	69 U	71 U	140 U
Hexachlorocyclopentadiene	UG/KG	0.0	0.00%		3679200	0	0	69 U	69 U	71 U	140 U
Hexachloroethane	UG/KG	0.0	0.00%		408800	0	0	69 U	69 U	71 U	140 U
Indeno[1,2,3-cd]pyrene	UG/KG	400.0	88.89%	3200	7840	0	8	69 U	6.6 J	44 J	7.8 J
Isophorone	UG/KG	0.0	0.00%	4400		0	0	69 U	69 U	71 U	140 U
N-Nitrosodiphenylamine	UG/KG	0.0	0.00%		1168000	0	0	69 U	69 U	71 U	140 U

Table 15-4
68 - Semivolatiles in Soil vs PRG-IND
Non-Valuated EHS Sites

2/17/99

SITE DESCRIPTION		SEAD-68 Old Pesticide Control Shop (Bldg S-335)		SEAD-68 Old Pesticide Control Shop (Bldg S-335)		SEAD-68 Old Pesticide Control Shop (Bldg S-335)		SEAD-68 Old Pesticide Control Shop (Bldg S-335)		SEAD-68 Old Pesticide Control Shop (Bldg S-335)						
LOC ID		SB68-1		SB68-1		SB68-2		SB68-2		SS68-1						
SAMP_ID		EB250		EB251		EB248		EB249		EB142						
QC CODE		SA		SA		SA		SA		SA						
SAMP DEPTH TOP		0		4.5		0		4		0						
SAMP DEPTH BOT		0.3		4.8		0.2		4.4		0.2						
MATRIX		SOIL		SOIL		SOIL		SOIL		SOIL						
SAMP DATE				3/16/98		3/16/98		3/16/98		3/16/98						
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	0.0	0.00%	3400	5256000	0	0	9	69 U		69 U		71 U		69 U	140 U
N-Nitrosodipropylamine	UG/KG	0.0	0.00%		818	0	0	9	69 U		69 U		71 U		69 U	140 U
Naphthalene	UG/KG	78.0	22.22%	13000	21024000	0	2	9	69 U		69 U		71 U		69 U	140 U
Nitrobenzene	UG/KG	0.0	0.00%	200	262800	0	0	9	69 U		69 U		71 U		69 U	140 U
Pentachlorophenol	UG/KG	0.0	0.00%	1000	47693	0	0	9	170 U		170 U		170 U		170 U	350 U
Phenanthrene	UG/KG	480.0	77.78%	50000		0	7	9	69 U		69 U		42 J		11 J	350
Phenol	UG/KG	0.0	0.00%	30	315360000	0	0	9	69 U		69 U		71 U		69 U	140 U
Pyrene	UG/KG	1500.0	100.00%	50000	15768000	0	9	9	4.3 J		11 J		94		16 J	840

Table 15-5
68 - Semivolatiles in Soil vs PRG-IND
Non-Evaluated FBS Sites

7/17/99

SITE DESCRIPTION	SEAD-68 Old Pesticide Control Shop (Bldg S-335)	SEAD-68 Old Pesticide Control Shop (Bldg S-335)	SEAD-68 Old Pesticide Control Shop (Bldg S-335)	SEAD-68 Old Pesticide Control Shop (Bldg S-335)				
LOC ID	SS68-2	SS68-3	SS68-4	SS68-5				
SAMP_ID	EB143	EB144	EB145	EB146				
QC CODE	SA	SA	SA	SA				
SAMP DEPTH TOP	0	0	0	0				
SAMP DEPTH BOT	0.2	0.2	0.2	0.2				
MATRIX	SOIL	SOIL	SOIL	SOIL				
SAMP DATE	3/10/98	3/10/98	3/10/98	3/10/98				
PARAMETER	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	76 U		310 U		410 U		77 U	
1,2-Dichlorobenzene	76 U		310 U		410 U		77 U	
1,3-Dichlorobenzene	76 U		310 U		410 U		77 U	
1,4-Dichlorobenzene	76 U		310 U		410 U		77 U	
2,4,5-Trichlorophenol	180 U		740 U		1000 U		190 U	
2,4,6-Trichlorophenol	76 U		310 U		410 U		77 U	
2,4-Dichlorophenol	76 U		310 U		410 U		77 U	
2,4-Dimethylphenol	76 U		310 U		410 U		77 U	
2,4-Dinitrophenol	180 U		740 U		1000 U		190 U	
2,4-Dinitrotoluene	76 U		310 U		410 U		77 U	
2,6-Dinitrotoluene	76 U		310 U		410 U		77 U	
2-Chloronaphthalene	76 U		310 U		410 U		77 U	
2-Chlorophenol	76 U		310 U		410 U		77 U	
2-Methylnaphthalene	76 U		310 U		310 J		7.9 J	
2-Methylphenol	76 U		310 U		410 U		77 U	
2-Nitroaniline	180 U		740 U		1000 U		190 U	
2-Nitrophenol	76 U		310 U		410 U		77 U	
3,3'-Dichlorobenzidine	76 U		310 U		410 U		77 U	
3-Nitroaniline	180 U		740 U		1000 U		190 U	
4,6-Dinitro-2-methylphenol	180 U		740 U		1000 U		190 U	
4-Bromophenyl phenyl ether	76 U		310 U		410 U		77 U	
4-Chloro-3-methylphenol	76 U		310 U		410 U		77 U	
4-Chloroaniline	76 U		310 U		410 U		77 U	
4-Chlorophenyl phenyl ether	76 U		310 U		410 U		77 U	
4-Methylphenol	76 U		310 U		410 U		77 U	
4-Nitroaniline	180 U		740 U		1000 U		190 U	
4-Nitrophenol	180 U		740 U		1000 U		190 U	
Acenaphthene	4.8 J		49 J		410 U		14 J	
Acenaphthylene	76 U		310 U		410 U		77 U	
Anthracene	7.5 J		97 J		31 J		23 J	
Benzo[a]anthracene	66 J		900		100 J		130	
Benzo[a]pyrene	77		770		120 J		130	
Benzo[b]fluoranthene	110		940		130 J		170	
Benzo[ghi]perylene	64 J		420		110 J		100	
Benzo[k]fluoranthene	100		830		150 J		180	
Bis(2-Chloroethoxy)methane	76 U		310 U		410 U		77 U	
Bis(2-Chloroethyl)ether	76 U		310 U		410 U		77 U	
Bis(2-Chloroisopropyl)ether	76 U		310 U		410 U		77 U	
Bis(2-Ethylhexyl)phthalate	14 JB		120 JB		58 JB		150 B	
Butylbenzylphthalate	76 U		18 J		410 U		8.7 J	
Carbazole	13 J		80 J		46 J		36 J	
Chrysene	94		1000		150 J		160	
Di-n-butylphthalate	76 U		310 U		36 JB		14 JB	
Di-n-octylphthalate	76 U		18 J		410 U		77 U	
Dibenz[a,h]anthracene	26 J		220 J		50 J		40 J	
Dibenzofuran	76 U		18 J		43 J		6.6 J	
Diethyl phthalate	13 JB		23 JB		34 JB		14 JB	
Dimethylphthalate	76 U		310 U		410 U		77 U	
Fluoranthene	150		1500		220 J		320	
Fluorene	76 U		34 J		27 J		12 J	
Hexachlorobenzene	76 U		310 U		410 U		77 U	
Hexachlorobutadiene	76 U		310 U		410 U		77 U	
Hexachlorocyclopentadiene	76 U		310 U		410 U		77 U	
Hexachloroethane	76 U		310 U		410 U		77 U	
Indeno[1,2,3-cd]pyrene	61 J		400		96 J		98	
Isophorone	76 U		310 U		410 U		77 U	
N-Nitrosodiphenylamine	76 U		310 U		410 U		77 U	

Table 15-5
 68 - Semivolatiles in Soil vs PRG-IND
 Non-Evaluated EHS Sites

SITE DESCRIPTION	SEAD-68 Old Pesticide Control Shop (Bldg S-335)	SEAD-68 Old Pesticide Control Shop (Bldg S-335)	SEAD-68 Old Pesticide Control Shop (Bldg S-335)	SEAD-68 Old Pesticide Control Shop (Bldg S-335)
LOC ID	SS68-2	SS68-3	SS68-4	SS68-5
SAMP_ID	EB143	EB144	EB145	EB146
QC CODE	SA	SA	SA	SA
SAMP_DEPTH TOP	0	0	0	0
SAMP_DEPTH BOT	0.2	0.2	0.2	0.2
MATRIX	SOIL	SOIL	SOIL	SOIL
SAMP_DATE	3/10/98	3/10/98	3/10/98	3/10/98
PARAMETER	VALUE Q	VALUE Q	VALUE Q	VALUE Q
1,2,4-Trichlorobenzene	76 U	310 U	410 U	77 U
N-Nitrosodipropylamine	76 U	310 U	410 U	77 U
Naphthalene	76 U	310 U	78 J	6.5 J
Nitrobenzene	76 U	310 U	410 U	77 U
Pentachlorophenol	180 U	740 U	1000 U	190 U
Phenanthrene	54 J	480	210 J	150
Phenol	76 U	310 U	410 U	77 U
Pyrene	150	1500	260 J	310

Table 15-6
68 - Pesticides in Soil vs 1 AGMs
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION.								SEAD-68 Old Pesticide Control Shop (Bldg. S-335)		SEAD-68 Old Pesticide Control Shop (Bldg. S-335)		
LOC ID								SB68-1		SB68-1		
SAMP_ID								EB250		EB251		
QC CODE								SA		SA		
SAMP. DETH TOP:								0		4.5		
SAMP. DEPTH BOT:								0.3		4.8		
MATRIX:								SOIL		SOIL		
SAMP DATE:									3/16/98		3/16/98	
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q
4,4'-DDD	UG/KG	0.0	0.00%	2900	23847	0	0	9	3.5 U		3.5 U	
4,4'-DDE	UG/KG	260.0	100.00%	2100	16833	0	7	7	3.5 U		3.5 U	
4,4'-DDT	UG/KG	4000.0	100.00%	2100	16833	1	6	6	3.5 U		3.5 U	
Aldrin	UG/KG	0.0	0.00%	41	337	0	0	9	1.8 U		1.8 U	
Alpha-BHC	UG/KG	0.0	0.00%	110		0	0	9	1.8 U		1.8 U	
Alpha-Chlordane	UG/KG	24.0	83.33%			0	5	6	1.8 U		1.8 U	
Beta-BHC	UG/KG	0.0	0.00%	200		0	0	9	1.8 U		1.8 U	
Delta-BHC	UG/KG	0.0	0.00%	300		0	0	9	1.8 U		1.8 U	
Dieldrin	UG/KG	0.0	0.00%	44	358	0	0	9	3.5 U		3.5 U	
Endosulfan I	UG/KG	0.0	0.00%	900	3153600	0	0	9	1.8 U		1.8 U	
Endosulfan II	UG/KG	0.0	0.00%	900		0	0	9	3.5 U		3.5 U	
Endosulfan sulfate	UG/KG	0.0	0.00%	1000		0	0	9	3.5 U		3.5 U	
Endrin	UG/KG	0.0	0.00%	100	157680	0	0	9	3.5 U		3.5 U	
Endrin aldehyde	UG/KG	0.0	0.00%		157680	0	0	9	3.5 U		3.5 U	
Endrin ketone	UG/KG	2.3	12.50%		157680	0	1	8	3.5 U		3.5 U	
Gamma-BHC/Lindane	UG/KG	0.0	0.00%	60	4402	0	0	9	1.8 U		1.8 U	
Gamma-Chlordane	UG/KG	23.0	62.50%	540		0	5	8	1.8 U		1.8 U	
Heptachlor	UG/KG	0.0	0.00%	100	1272	0	0	9	1.8 U		1.8 U	
Heptachlor epoxide	UG/KG	4.0	50.00%	20	629	0	4	8	1.8 U		1.8 U	
Methoxychlor	UG/KG	0.0	0.00%		2628000	0	0	9	1.8 U		1.8 U	
Toxaphene	UG/KG	0.0	0.00%			0	0	9	180 U		180 U	
Azinphos-methyl	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Bolstar (Sulprofos)	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Chlorpyrifos	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Coumaphos	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Demeton-O	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Diazinon	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Dichlorvos (DDVP)	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Dimethoate	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Disulfoton	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
EPN	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Ethoprop	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Fensulfthion	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Fenthion	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Malathion	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Merphos	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Methyl parathion	UG/KG	0.0	0.00%		131400	0	0	9	35 U		35 U	
Mevinphos	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Monocrotophos	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Parathion, ethyl	UG/KG	0.0	0.00%	1200		0	0	9	35 U		35 U	
Ronnel	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Stirophos (Tetrachlorovinphos)	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Tokuthion (Protothiofos)	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	
Trichloronate	UG/KG	0.0	0.00%			0	0	9	35 U		35 U	

Table 15-6
68 - Pesticides in Soil vs TAGMs
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION:	SEAD-68 Old Pesticide Control Shop (Bldg. S-335)		SEAD-68 Old Pesticide Control Shop (Bldg. S-335)		SEAD-68 Old Pesticide Control Shop (Bldg. S-335)		SEAD-68 Old Pesticide Control Shop (Bldg. S-335)		SEAD-68 Old Pesticide Control Shop (Bldg. S-335)		SEAD-68 Old Pesticide Control Shop (Bldg. S-335)			
	LOC ID	SB68-2	SB68-2	SS68-1	SS68-2	SS68-3	SS68-4	SS68-5						
SAMP_ID:	EB248	EB249	EB142	EB143	EB144	EB145	EB146							
QC CODE:	SA	SA	SA	SA	SA	SA	SA							
SAMP DEPTH TOP:	0	4	0	0	0	0	0							
SAMP DEPTH BOT:	0.2	4.4	0.2	0.2	0.2	0.2	0.2							
MATRIX:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL							
SAMP DATE:	3/16/98	3/16/98	3/10/98	3/10/98	3/10/98	3/10/98	3/10/98							
PARAMETER	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q		
4,4'-DDD	3.5	U	3.5	U	3.6	U	3.9	U	41	U	3.8	U		
4,4'-DDE	19		4.2		83	D	26		260		36			
4,4'-DDT	22		3.5	U	28		170	D	23		4000	D	330	D
Aldrin	1.8	U	1.8	U	1.8	U	1.9	U	1.9	U	21	U	1.9	U
Alpha-BHC	1.8	U	1.8	U	1.8	U	1.9	U	1.9	U	21	U	1.9	U
Alpha-Chlordane	6.2	P	3.7	P	24	D	1.9	U	1.9	U	19	J	1.6	J
Beta-BHC	1.8	U	1.8	U	1.8	U	1.9	U	1.9	U	21	U	1.9	U
Delta-BHC	1.8	U	1.8	U	1.8	U	1.9	U	1.9	U	21	U	1.9	U
Dieldrin	3.5	U	3.5	U	3.6	U	3.8	U	3.9	U	41	U	3.8	U
Endosulfan I	1.8	U	1.8	U	1.8	U	1.9	U	1.9	U	21	U	1.9	U
Endosulfan II	3.5	U	3.5	U	3.6	U	3.8	U	3.9	U	41	U	3.8	U
Endosulfan sulfate	3.5	U	3.5	U	3.6	U	3.8	U	3.9	U	41	U	3.8	U
Endrin	3.5	U	3.5	U	3.6	U	3.8	U	3.9	U	41	U	3.8	U
Endrin aldehyde	3.5	U	3.5	U	3.6	U	3.8	U	3.9	U	41	U	3.8	U
Endrin ketone	3.5	U	3.5	U	2.3	JP	3.8	U	3.9	U	41	U	3.8	U
Gamma-BHC/Lindane	1.8	U	1.8	U	1.8	U	1.9	U	1.9	U	21	U	1.9	U
Gamma-Chlordane	7.5		4.4		23		1.9	U	1.9	U	18	J	1.2	JP
Heptachlor	1.8	U	1.8	U	1.8	U	1.9	U	1.9	U	21	U	1.9	U
Heptachlor epoxide	1.6	J	1.8	U	4	P	1.3	J	3.6		21	U	1.9	U
Methoxychlor	18	U	18	U	18	U	19	U	19	U	210	U	19	U
Toxaphene	180	U	180	U	180	U	190	U	190	U	2100	U	190	U
Azinphos-methyl	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Bolstar (Sulprofos)	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Chlorpyrifos	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Coumaphos	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Demeton-O	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Diazinon	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Dichlorvos (DDVP)	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Dimethoate	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Disulfoton	35	U	35	U	37	U	38	U	37	U	45	U	37	U
EPN	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Ethoprop	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Fensulfthion	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Fenthion	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Malathion	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Merphos	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Methyl parathion	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Mevinphos	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Monocrotophos	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Parathion, ethyl	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Ronnel	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Stirophos (Tetrachlorovinphos)	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Tokuthion (Protothiofos)	35	U	35	U	37	U	38	U	37	U	45	U	37	U
Trichloronate	35	U	35	U	37	U	38	U	37	U	45	U	37	U

Table 15-7
68 - Pesticides in Soil vs PRG-IND
Non-Evaluated FBS Sites

2/17/99

SITE:												SEAD-68	SEAD-68	SEAD-68
DESCRIPTION:												Old Pesticide	Old Pesticide	Old Pesticide
												Control Shop	Control Shop	Control Shop
												(Bldg. S-335)	(Bldg. S-335)	(Bldg. S-335)
LOC ID:												SB68-1	SB68-1	SB68-2
SAMP_ID:												EB250	EB251	EB248
QC CODE:												SA	SA	SA
SAMP_DEPTH TOP:												0	4.5	0
SAMP_DEPTH BOT:												0.3	4.8	0.2
MATRIX:												SOIL	SOIL	SOIL
SAMP_DATE:												3/16/98	3/16/98	3/16/98
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q
4,4'-DDD	UG/KG	0.0	0.00%	2900	23847	0	0	9	3.5 U		3.5 U		3.5	
4,4'-DDE	UG/KG	260.0	100.00%	2100	16833	0	7	7	3.5 U		3.5 U		19	
4,4'-DDT	UG/KG	4000.0	100.00%	2100	16833	0	6	6	3.5 U		3.5 U		22	
Aldrin	UG/KG	0.0	0.00%	41	337	0	0	9	1.8 U		1.8 U		1.8	
Alpha-BHC	UG/KG	0.0	0.00%	110		0	0	9	1.8 U		1.8 U		1.8	
Alpha-Chlordane	UG/KG	24.0	83.33%			0	5	6	1.8 U		1.8 U		6.2	
Beta-BHC	UG/KG	0.0	0.00%	200		0	0	9	1.8 U		1.8 U		1.8	
Delta-BHC	UG/KG	0.0	0.00%	300		0	0	9	1.8 U		1.8 U		1.8	
Dieldrin	UG/KG	0.0	0.00%	44	358	0	0	9	3.5 U		3.5 U		3.5	
Endosulfan I	UG/KG	0.0	0.00%	900	3153600	0	0	9	1.8 U		1.8 U		1.8	
Endosulfan II	UG/KG	0.0	0.00%	900		0	0	9	3.5 U		3.5 U		3.5	
Endosulfan sulfate	UG/KG	0.0	0.00%	1000		0	0	9	3.5 U		3.5 U		3.5	
Endrin	UG/KG	0.0	0.00%	100	157680	0	0	9	3.5 U		3.5 U		3.5	
Endrin aldehyde	UG/KG	0.0	0.00%		157680	0	0	9	3.5 U		3.5 U		3.5	
Endrin ketone	UG/KG	2.3	12.50%		157680	0	1	8	3.5 U		3.5 U		3.5	
Gamma-BHC/Lindane	UG/KG	0.0	0.00%	60	4402	0	0	9	1.8 U		1.8 U		1.8	
Gamma-Chlordane	UG/KG	23.0	62.50%	540		0	5	8	1.8 U		1.8 U		7.5	
Heptachlor	UG/KG	0.0	0.00%	100	1272	0	0	9	1.8 U		1.8 U		1.8	
Heptachlor epoxide	UG/KG	4.0	50.00%	20	629	0	4	8	1.8 U		1.8 U		1.6	
Methoxychlor	UG/KG	0.0	0.00%		2628000	0	0	9	18 U		18 U		18	
Toxaphene	UG/KG	0.0	0.00%			0	0	9	180 U		180 U		180	
Azinphos-methyl	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Bolstar (Sulprofos)	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Chlorpyrifos	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Coumaphos	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Demeton-O	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Diazinon	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Dichlorvos (DDVP)	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Dimethoate	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Disulfoton	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
EPN	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Ethoprop	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Fensulfthion	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Fenthion	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Malathion	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Merphos	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Methyl parathion	UG/KG	0.0	0.00%		131400	0	0	9	35 U		35 U		35	
Mevinphos	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Monocrotophos	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Parathion, ethyl	UG/KG	0.0	0.00%	1200		0	0	9	35 U		35 U		35	
Ronnel	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Stirophos (Tetrachlorovinpho	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Tokuthion (Protothiofos)	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	
Trichloronate	UG/KG	0.0	0.00%			0	0	9	35 U		35 U		35	

Table 15-7
68 - Pesticides in Soil vs PRG-IND
Non-Evaluated EBS Sites

SITE DESCRIPTION	SEAD-68 Old Pesticide Control Shop (Bldg. S-335)	SEAD-68 Old Pesticide Control Shop (Bldg. S-335)	SEAD-68 Old Pesticide Control Shop (Bldg. S-335)	SEAD-68 Old Pesticide Control Shop (Bldg. S-335)	SEAD-68 Old Pesticide Control Shop (Bldg. S-335)	SEAD-68 Old Pesticide Control Shop (Bldg. S-335)							
LOC ID:	SB68-2	SS68-1	SS68-2	SS68-3	SS68-4	SS68-5							
SAMP_ID:	EB249	EB142	EB143	EB144	EB145	EB146							
QC CODE:	SA	SA	SA	SA	SA	SA							
SAMP_DEPTH TOP:	4	0	0	0	0	0							
SAMP_DEPTH BOT:	4.4	0.2	0.2	0.2	0.2	0.2							
MATRIX:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL							
SAMP_DATE:	3/16/98	3/10/98	3/10/98	3/10/98	3/10/98	3/10/98							
PARAMETER	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q		
4,4'-DDD	U		3.5 U		3.6 U		3.8 U		3.9 U		41 U		3.8 U
4,4'-DDE		4.2		83 D		130 D		26		260		36	
4,4'-DDT		3.5 U		28		170 D		23		4000 D		330 D	
Aldrin	U	1.8 U		1.8 U		1.9 U		1.9 U		21 U		1.9 U	
Alpha-BHC	U	1.8 U		1.8 U		1.9 U		1.9 U		21 U		1.9 U	
Alpha-Chlordane	P	3.7 P		24 D		1.9 U		1.9 U		19 J		1.6 J	
Beta-BHC	U	1.8 U		1.8 U		1.9 U		1.9 U		21 U		1.9 U	
Delta-BHC	U	1.8 U		1.8 U		1.9 U		1.9 U		21 U		1.9 U	
Dieldrin	U	3.5 U		3.6 U		3.8 U		3.9 U		41 U		3.8 U	
Endosulfan I	U	1.8 U		1.8 U		1.9 U		1.9 U		21 U		1.9 U	
Endosulfan II	U	3.5 U		3.6 U		3.8 U		3.9 U		41 U		3.8 U	
Endosulfan sulfate	U	3.5 U		3.6 U		3.8 U		3.9 U		41 U		3.8 U	
Endrin	U	3.5 U		3.6 U		3.8 U		3.9 U		41 U		3.8 U	
Endrin aldehyde	U	3.5 U		3.6 U		3.8 U		3.9 U		41 U		3.8 U	
Endrin ketone	U	3.5 U		2.3 JP		3.8 U		3.9 U		41 U		3.8 U	
Gamma-BHC/Lindane	U	1.8 U		1.8 U		1.9 U		1.9 U		21 U		1.9 U	
Gamma-Chlordane		4.4		23		1.9 U		1.9 U		18 J		1.2 JP	
Heptachlor	U	1.8 U		1.8 U		1.9 U		1.9 U		21 U		1.9 U	
Heptachlor epoxide	J	1.8 U		4 P		1.3 J		3.6		21 U		1.9 U	
Methoxychlor	U	18 U		18 U		19 U		19 U		210 U		19 U	
Toxaphene	U	180 U		180 U		190 U		190 U		2100 U		190 U	
Azinphos-methyl	U	35 U		37 U		38 U		37 U		45 U		37 U	
Boistar (Sulprofos)	U	35 U		37 U		38 U		37 U		45 U		37 U	
Chlorpyrifos	U	35 U		37 U		38 U		37 U		45 U		37 U	
Coumaphos	U	35 U		37 U		38 U		37 U		45 U		37 U	
Demeton-O	U	35 U		37 U		38 U		37 U		45 U		37 U	
Diazinon	U	35 U		37 U		38 U		37 U		45 U		37 U	
Dichlorvos (DDVP)	U	35 U		37 U		38 U		37 U		45 U		37 U	
Dimethoate	U	35 U		37 U		38 U		37 U		45 U		37 U	
Disulfoton	U	35 U		37 U		38 U		37 U		45 U		37 U	
EPN	U	35 U		37 U		38 U		37 U		45 U		37 U	
Ethoprop	U	35 U		37 U		38 U		37 U		45 U		37 U	
Fensulfothion	U	35 U		37 U		38 U		37 U		45 U		37 U	
Fenthion	U	35 U		37 U		38 U		37 U		45 U		37 U	
Malathion	U	35 U		37 U		38 U		37 U		45 U		37 U	
Merphos	U	35 U		37 U		38 U		37 U		45 U		37 U	
Methyl parathion	U	35 U		37 U		38 U		37 U		45 U		37 U	
Mevinphos	U	35 U		37 U		38 U		37 U		45 U		37 U	
Monocrotophos	U	35 U		37 U		38 U		37 U		45 U		37 U	
Parathion, ethyl	U	35 U		37 U		38 U		37 U		45 U		37 U	
Ronnel	U	35 U		37 U		38 U		37 U		45 U		37 U	
Stirophos (Tetrachlorovinpho	U	35 U		37 U		38 U		37 U		45 U		37 U	
Tokuthion (Protothiofos)	U	35 U		37 U		38 U		37 U		45 U		37 U	
Trichloronate	U	35 U		37 U		38 U		37 U		45 U		37 U	

Table 15-8
68 - Herbicides and Arsenic in Soil vs TAGM
Non-Evaluated EBS Sites

2/17/99

SITE:
DESCRIPTION:

SEAD-68
Old Pesticide
Control Shop
(Bldg. S-335)

SEAD-68
Old Pesticide
Control Shop
(Bldg. S-335)

LOC ID:
SAMP_ID:
QC CODE:
SAMP. DETH TOP:
SAMP. DEPTH BOT:
MATRIX:
SAMP. DATE:

SB68-1
EB250
SA
0
0.3
SOIL

SB68-1
EB251
SA
4.5
4.8
SOIL

PARAMETER	UNIT	MAXIMUM	FREQUENCY OF		TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	3/16/98	
			DETECTION	TAGM						VALUE	Q
2,4,5-T	UG/KG	25.0	12.50%	1900		0	1	8	5 U	5 U	
2,4,5-TP/Silvex	UG/KG	0.0	0.00%	700		0	0	9	5 U	5 U	
2,4-D	UG/KG	0.0	0.00%	500		0	0	9	49 U	49 U	
2,4-DB	UG/KG	90.0	12.50%			0	1	8	50 U	50 U	
3,5-Dichlorobenzoic acid	UG/KG	0.0	0.00%			0	0	9	49 U	49 U	
Dalapon	UG/KG	0.0	0.00%			0	0	9	270 U	270 U	
Dicamba	UG/KG	0.0	0.00%			0	0	9	4.9 U	4.9 U	
Dichloroprop	UG/KG	0.0	0.00%			0	0	9	49 U	49 U	
Dinoseb	UG/KG	0.0	0.00%			0	0	9	25 U	25 U	
MCPA	UG/KG	0.0	0.00%			0	0	9	4900 U	4900 U	
MCPP	UG/KG	0.0	0.00%			0	0	9	4900 U	4900 U	
Pentachlorophenol	UG/KG	24.0	11.11%	1000	47693	0	1	9	18 U	18 U	
Picloram	UG/KG	0.0	0.00%		36792000	0	0	9	5 U	5 U	
Arsenic	MG/KG	11.3	100.00%	8.9	3.19	1.00	9.00	9	5.2 N*	4.7 N*	

Table 15-8
68 - Herbicides and Arsenic in Soil vs TAGM
Non-Evaluated FBS Sites

SITE:	SEAD-68	SEAD-68	SEAD-68	SEAD-68	SEAD-68	SEAD-68	SEAD-68	
DESCRIPTION:	Old Pesticide Control Shop (Bldg. S-335)		Old Pesticide Control Shop (Bldg. S-335)		Old Pesticide Control Shop (Bldg. S-335)		Old Pesticide Control Shop (Bldg. S-335)	
LOC ID:	SB68-2	SB68-2	SS68-1	SS68-2	SS68-3	SS68-4	SS68-5	
SAMP_ID:	EB248	EB249	EB142	EB143	EB144	EB145	EB146	
QC CODE:	SA	SA	SA	SA	SA	SA	SA	
SAMP. DETH TOP:	0	4	0	0	0	0	0	
SAMP. DEPTH BOT:	0.2	4.4	0.2	0.2	0.2	0.2	0.2	
MATRIX:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
SAMP. DATE:	3/16/98	3/16/98	3/10/98	3/10/98	3/10/98	3/10/98	3/10/98	
PARAMETER	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
2,4,5-T	5.1 U		5 U		5.3 U		5.5 U	
2,4,5-TP/Silvex	5.1 U		5 U		5.3 U		5.5 U	
2,4-D	50 U		49 U		52 U		54 U	
2,4-DB	51 U		50 U		53 U		55 U	
3,5-Dichlorobenzoic acid	50 U		49 U		52 U		54 U	
Dalapon	280 U		270 U		290 U		300 U	
Dicamba	5 U		4.9 U		5.2 U		5.4 U	
Dichloroprop	50 U		49 U		52 U		54 U	
Dinoseb	25 U		25 U		27 U		28 U	
MCPA	5000 U		4900 U		5200 U		5400 U	
MCPP	5000 U		4900 U		5200 U		5400 U	
Pentachlorophenol	18 U		18 U		19 U		24	
Picloram	5.1 U		5 U		5.3 U		5.5 U	
Arsenic	3.9 N*		6.0 N*		8.3 N*		3.8 N*	
							7.7 N*	
							11.3 N*	
								6.6 N*

Table 15-9
68 - Herbicides and Arsenic in Soil vs PRG-IND
Non-Evaluated EBS Sites

2/17/99

SITE:
DESCRIPTION:

SEAD-68
Old Pesticide
Control Shop
(Bldg. S-335)

LOC ID:
SAMP_ID:
QC CODE:
SAMP. DETH TOP:
SAMP. DEPTH BOT:
MATRIX:
SAMP. DATE:

SEAD-68
Old Pesticide
Control Shop
(Bldg. S-335)

PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-68		SEAD-68	
									VALUE	Q	VALUE	Q
2,4,5-T	UG/KG	25.0	12.50%	1900		0	1	8	5 U		5 U	
2,4,5-TP/Silvex	UG/KG	0.0	0.00%	700		0	0	9	5 U		5 U	
2,4-D	UG/KG	0.0	0.00%	500		0	0	9	49 U		49 U	
2,4-DB	UG/KG	90.0	12.50%			0	1	8	50 U		50 U	
3,5-Dichlorobenzoic acid	UG/KG	0.0	0.00%			0	0	9	49 U		49 U	
Dalapon	UG/KG	0.0	0.00%			0	0	9	270 U		270 U	
Dicamba	UG/KG	0.0	0.00%			0	0	9	4.9 U		4.9 U	
Dichloroprop	UG/KG	0.0	0.00%			0	0	9	49 U		49 U	
Dinoseb	UG/KG	0.0	0.00%			0	0	9	25 U		25 U	
MCPA	UG/KG	0.0	0.00%			0	0	9	4900 U		4900 U	
MCPP	UG/KG	0.0	0.00%			0	0	9	4900 U		4900 U	
Pentachlorophenol	UG/KG	24.0	11.11%	1000	47693	0	1	9	18 U		18 U	
Picloram	UG/KG	0.0	0.00%		36792000	0	0	9	5 U		5 U	
Arsenic	MG/KG	11.3	100.00%	8.9	3.19	9.00	9.00	9	5.2 N*		4.7 N*	

Table 15-9
68 - Herbicides and Arsenic in Soil vs PRG-IND
Non-Evaluated EBS Sites

SITE:	SEAD-68	SEAD-68	SEAD-68	SEAD-68	SEAD-68	SEAD-68	SEAD-68							
DESCRIPTION:	Old Pesticide Control Shop (Bldg. S-335)	Old Pesticide Control Shop (Bldg. S-335)	Old Pesticide Control Shop (Bldg. S-335)	Old Pesticide Control Shop (Bldg. S-335)	Old Pesticide Control Shop (Bldg. S-335)	Old Pesticide Control Shop (Bldg. S-335)	Old Pesticide Control Shop (Bldg. S-335)							
LOC ID:	SB68-2	SB68-2	SS68-1	SS68-2	SS68-3	SS68-4	SS68-5							
SAMP_ID:	EB248	EB249	EB142	EB143	EB144	EB145	EB146							
QC CODE:	SA	SA	SA	SA	SA	SA	SA							
SAMP. DETH TOP:	0	4	0	0	0	0	0							
SAMP. DEPTH BOT:	0.2	4.4	0.2	0.2	0.2	0.2	0.2							
MATRIX:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL							
SAMP. DATE:	3/16/98	3/16/98	3/10/98	3/10/98	3/10/98	3/10/98	3/10/98							
PARAMETER	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q		
2,4,5-T	5.1	U	5	U	5.3	U	5.5	U	5.4	U	25	P	5.3	U
2,4,5-TP/Silvex	5.1	U	5	U	5.3	U	5.5	U	5.4	U	6.6	U	5.3	U
2,4-D	50	U	49	U	52	U	54	U	53	U	64	U	52	U
2,4-DB	51	U	50	U	53	U	55	U	54	U	90	P	53	U
3,5-Dichlorobenzoic acid	50	U	49	U	52	U	54	U	53	U	64	U	52	U
Dalapon	280	U	270	U	290	U	300	U	290	U	360	U	290	U
Dicamba	5	U	4.9	U	5.2	U	5.4	U	5.3	U	6.4	U	5.2	U
Dichloroprop	50	U	49	U	52	U	54	U	53	U	64	U	52	U
Dinoseb	25	U	25	U	27	U	28	U	27	U	33	U	27	U
MCPA	5000	U	4900	U	5200	U	5400	U	5300	U	6400	U	5200	U
MCPP	5000	U	4900	U	5200	U	5400	U	5300	U	6400	U	5200	U
Pentachlorophenol	18	U	18	U	19	U	24	U	19	U	23	U	19	U
Picloram	5.1	U	5	U	5.3	U	5.5	U	5.4	U	6.6	U	5.3	U
Arsenic	3.9	N*	6.6	N*	6.3	N*	3.8	N*	7.7	N*	11.3	N*	6.6	N*

SEAD-120A

50 Area Dumping Areas

Table 16-1
 Sample Collection Information
 SEAD-120A - 50 Area Dumping Areas
 12 Moderate EBS Non-Evaluated Sites
 Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	TP120A-1	EB155	3/30/98	0.0	0.6	SA	Location is a mound in the southeastern portion of the site. Chosen because the mound is located near Ovid Road and has an access ramp leading to it, it is also near r r tracks, near possible staging area.
SOIL	TP120A-1	EB032	3/30/98	0.0	0.6	DUJ	Same location as above.
SOIL	TP120A-1	EB156	3/30/98	2.0	2.5	SA	Location is the same as above. The sample was collected at approximately mid-depth in the pit because there were no VOC hits or impacts to soil.
SOIL	TP120A-2	EB157	3/31/98	0.0	0.2	SA	Location is a mound in the eastern portion of the site west of Building 2084. Chosen because the mound is located near Seneca Road and is covered in debris, it appeared to be a building material dump area.
SOIL	TP120A-2	EB158	3/31/98	2.0	2.2	SA	Location is the same as above. The sample was collected directly below debris.
SOIL	TP120A-3	EB159	3/30/98	0.0	0.6	SA	Location is a mound in the southwestern portion of the site. Chosen because the mound is next to railroad tracks and there was little vegetation on the surface of the mound.
SOIL	TP120A-3	EB160	3/30/98	2.0	2.5	SA	Location is the same as above. The sample was collected at approximately mid-depth in the pit because there were no VOC hits or impacts to soil.
SOIL	TP120A-4	EB161	3/30/98	0.0	0.6	SA	Location is a mound in the southwestern portion of the site. Chosen because the mound is at the end of railroad tracks where dumping occurred, there were several rusty drums at the base of the mound.

Table 16-1
 Sample Collection Information
 SEAD-120A - 50 Area Dumping Areas
 12 Moderate EBS Non-Evaluated Sites
 Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	TP120A-4	EB162	3/30/98	2.0	2.5	SA	Location is the same as above. The sample was collected at approximately mid-depth in the pit because there were no VOC hits or impacts to soil.
SOIL	TP120A-5	EB163	3/30/98	0.0	0.6	SA	Location is a mound in the northwestern portion of the site. Chosen because the mound is near West Patrol Road and it is in an area that has easy access for dumping.
SOIL	TP120A-5	EB164	3/30/98	1.0	1.2	SA	Location is the same as above. The sample was collected at approximately mid-depth in the pit because there were no VOC hits or impacts to soil.
WATER	TP120A-1	EB033	3/30/98	0.0	0.0	RB	NA

Notes

SA = Sample

RB = Rinse Blank

NA = Not Applicable

Table 16-5
 TWA Volatile in Soils - TAGM
 Non-Industrial Sites

SITE DESCRIPTION	LOC ID	SAMP_ID	OC CODE	SAMP DEPTH TOP	SAMP DEPTH BOT	MATRIX	SAMP DATE	SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		
								TP120A-1 EB155 SA 0 0.6 SOIL	30-Mar-98	TP120A-1 EB032 DU 0 0.6 SOIL	30-Mar-98	TP120A-1 EB156 SA 2 2.5 SOIL	30-Mar-98	TP120A-2 EB157 SA 0 0.2 SOIL	31-Mar-98	TP120A-2 EB158 SA 2 2.2 SOIL	31-Mar-98	
PARAMETER	UNIT	MAXIMUM	DETECTIO	TAGM	PRG-REC	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	UG/KG	0	0.00%	800	36850962	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
1,1,2,2-Tetrachloroethane	UG/KG	0	0.00%	600	3439423	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
1,1,2-Trichloroethane	UG/KG	0	0.00%		1206815	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
1,1-Dichloroethane	UG/KG	0	0.00%	200	105288462	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
1,1-Dichloroethane	UG/KG	0	0.00%	400	114647	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
1,2-Dichloroethane	UG/KG	0	0.00%	100	755917	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
1,2-Dichloroethane (total)	UG/KG	0	0.00%			0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
1,2-Dichloropropane	UG/KG	0	0.00%		1011595	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Acetone	UG/KG	18	45.45%	200	105288462	0	5	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Benzene	UG/KG	0	0.00%	60	2372016	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Bromodichloromethane	UG/KG	0	0.00%		1109491	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Bromoforn	UG/KG	0	0.00%		8707400	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Carbon disulfide	UG/KG	0	0.00%	2700	105288462	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Carbon tetrachloride	UG/KG	0	0.00%	600	529142	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Chlorobenzene	UG/KG	0	0.00%	1700	21057692	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Chlorodibromomethane	UG/KG	0	0.00%		818910	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Chloroethane	UG/KG	0	0.00%	1900	421153846	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Chloroform	UG/KG	4	9.09%	300	11276797	0	1	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Cis-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Ethyl benzene	UG/KG	0	0.00%	5500	105288462	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Methyl bromide	UG/KG	0	0.00%		1505625	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Methyl butyl ketone	UG/KG	0	0.00%			0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Methyl chloride	UG/KG	0	0.00%		5291420	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Methyl ethyl ketone	UG/KG	0	0.00%	300		0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Methyl isobutyl ketone	UG/KG	0	0.00%	1000	84230769	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Methylene chloride	UG/KG	3	9.09%	100	9171795	0	1	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Styrene	UG/KG	0	0.00%			0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Tetrachloroethene	UG/KG	0	0.00%	1400	1322855	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Toluene	UG/KG	9	81.82%	1500	210576923	0	9	11	11 U	11 U	3 J	3 J	3 J	3 J	3 J	3 J	3 J	3 J
Total Xylenes	UG/KG	0	0.00%	1200	2105769231	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Trans-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Trichloroethene	UG/KG	0	0.00%	700	6253497	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
Vinyl chloride	UG/KG	0	0.00%	200	36204	0	0	11	11 U	11 U	12 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U

Table 3
 120A Volatiles in Soils (TAGM)
 Not Evaluated LBS Site

SITE DESCRIPTION	SEAD-120A 50 Area Dumping Areas	SEAD-120A 50 Area Dumping Areas	SEAD-120A 50 Area Dumping Areas	SEAD-120A 50 Area Dumping Areas	SEAD-120A 50 Area Dumping Areas	SEAD-120A 50 Area Dumping Areas							
LOC ID	TP120A-3	TP120A-3	TP120A-4	TP120A-4	TP120A-5	TP120A-5							
SAMP_ID	EB159	EB160	EB161	EB162	EB163	EB164							
QC CODE	SA	SA	SA	SA	SA	SA							
SAMP_DEPTH TOP	0	2	0	2	0	1							
SAMP_DEPTH BOT	0.6	2.5	0.6	2.5	0.6	1.2							
MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL							
SAMP DATE	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98							
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
1,1,2,2-Tetrachloroethane	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
1,1,2-Trichloroethane	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
1,1-Dichloroethane	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
1,1-Dichloroethene	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
1,2-Dichloroethane	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
1,2-Dichloroethene (total)	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
1,2-Dichloropropane	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Acetone	UG/KG	12	U	14	J	12	U	11	U	18	J	10	J
Benzene	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Bromodichloromethane	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Bromoform	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Carbon disulfide	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Carbon tetrachloride	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Chlorobenzene	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Chlorodibromomethane	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Chloroethane	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Chloroform	UG/KG	12	U	4	J	12	U	11	U	12	U	13	U
Cis-1,3-Dichloropropene	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Ethyl benzene	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Methyl bromide	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Methyl butyl ketone	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Methyl chloride	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Methyl ethyl ketone	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Methyl isobutyl ketone	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Methylene chloride	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Styrene	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Tetrachloroethene	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Toluene	UG/KG	4	J	3	J	4	J	3	J	3	J	7	J
Total Xylenes	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Trans-1,3-Dichloropropene	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Trichloroethene	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U
Vinyl chloride	UG/KG	12	U	12	U	12	U	11	U	12	U	13	U

Table 3
 EPA Method 8160-B, Part C
 on Laboratory Data

11/99

SITE DESCRIPTION		SEAD-120A SO Area Dumping Areas																																			
		TP120A-1 EB155 SA DII 0 0.6 SOIL 30-Mar-98				TP120A-1 EB012 SA DII 0 0.6 SOIL 30-Mar-98				TP120A-1 EB156 SA DII 2 2.5 SOIL 30-Mar-98				TP120A-2 EB157 SA DII 0 0.6 SOIL 31-Mar-98				TP120A-2 EB158 SA DII 2 2.2 SOIL 31-Mar-98				TP120A-3 EB159 SA DII 0 0.6 SOIL 30-Mar-98				TP120A-3 EB160 SA DII 2 0.6 SOIL 30-Mar-98				TP120A-4 EB161 SA DII 0 0.6 SOIL 30-Mar-98				TP120A-4 EB162 SA DII 2 2.5 SOIL 30-Mar-98			
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q									
1,1,1 Trichloroethane	UG/KG	0.0	0.00%	800	36850962	0	0	11	11 U		11 U		13 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
1,1,2 Trichloroethane	UG/KG	0.0	0.00%	600	3478423	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
1,1,2 Trichloroethane	UG/KG	0.0	0.00%		1206815	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
1,1 Dichloroethane	UG/KG	0.0	0.00%	200	105288462	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
1,1 Dichloroethene	UG/KG	0.0	0.00%	400	114647	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
1,2 Dichloroethane	UG/KG	0.0	0.00%	100	755917	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
1,2 Dichloroethane (isat)	UG/KG	0.0	0.00%			0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
1,2 Dichloropropane	UG/KG	0.0	0.00%		1011595	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Acetone	UG/KG	18.0	45.45%	200	105288462	0	5	11	11 U		11 U		12 U		13 U		13 U		13 U		14		14		12 U		12 U		11								
Benzene	UG/KG	0.0	0.00%	60	2372016	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Bromodichloromethane	UG/KG	0.0	0.00%		1109491	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Bromofom	UG/KG	0.0	0.00%		8707400	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Carbon disulfide	UG/KG	0.0	0.00%	2700	105288462	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Carbon tetrachloride	UG/KG	0.0	0.00%	600	529142	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Chlorobenzene	UG/KG	0.0	0.00%	1700	21057692	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Chlorodibromomethane	UG/KG	0.0	0.00%		818910	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Chloroethane	UG/KG	0.0	0.00%	1900	421152846	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Chloroform	UG/KG	4.0	9.09%	300	11276797	0	1	11	11 U		11 U		12 U		13 U		13 U		13 U		4 J		4 J		12 U		12 U		11								
Cis 1,3 Dichloropropene	UG/KG	0.0	0.00%			0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Ethyl benzene	UG/KG	0.0	0.00%	5500	105288462	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Methyl bromide	UG/KG	0.0	0.00%		1505625	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Methyl butyl ketone	UG/KG	0.0	0.00%			0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Methyl chloride	UG/KG	0.0	0.00%		5291420	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Methyl ethyl ketone	UG/KG	0.0	0.00%	300		0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Methyl isobutyl ketone	UG/KG	0.0	0.00%	1000	84230769	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Methylene chloride	UG/KG	3.0	9.09%	100	9171795	0	1	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Styrene	UG/KG	0.0	0.00%			0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Tetrachloroethene	UG/KG	0.0	0.00%	1400	1322855	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Toluene	UG/KG	9.0	81.82%	1500	210576923	0	9	11	11 U		11 U		12 U		13 U		13 U		13 U		4 J		4 J		12 U		12 U		3								
Total Xylenes	UG/KG	0.0	0.00%	1200	2105769231	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Trans 1,3 Dichloropropene	UG/KG	0.0	0.00%			0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Trichloroethane	UG/KG	0.0	0.00%	700	6253497	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								
Vinyl chloride	UG/KG	0.0	0.00%	200	36204	0	0	11	11 U		11 U		12 U		13 U		13 U		13 U		12 U		12 U		12 U		12 U		11								

Lab. 10-1
 PVA, Lab. 10-1, Sub. 10-1, 10-1
 -Lab. 10-1, 10-1, 10-1

SEAD-170A
 50 Area Dumping
 Areas
 E170A-5
 E170A-5
 SA
 SA
 0
 0.6
 SOIL
 10 Mar 98

SEAD-170A
 50 Area Dumping
 Areas
 E170A-5
 E170A-5
 SA
 SA
 0
 0.6
 SOIL
 30 Mar 98

UNIT	MAXIMUM	DETECTION	FREQUENCY	PRG	NUMBER	NUMBER	NUMBER	NUMBER	VALUE	VALUE
UG/KG	0.0	0.00%	0.00%	36650982	0	0	0	0	12 U	13 U
1,1,1-Trichloroethane	0.0	0.00%	0.00%	3439423	0	0	0	0	12 U	13 U
1,1,2,2-Tetrachloroethane	0.0	0.00%	0.00%	105288462	0	0	0	0	12 U	13 U
1,1-Dichloroethane	0.0	0.00%	0.00%	114847	0	0	0	0	12 U	13 U
1,1-Dichloroethene	0.0	0.00%	0.00%	755917	0	0	0	0	12 U	13 U
1,2-Dichloroethane	0.0	0.00%	0.00%	1511546	0	0	0	0	12 U	13 U
1,2-Dichloroethene (E:all)	0.0	0.00%	0.00%	105288462	0	0	0	0	12 U	13 U
1,2-Dichloroethene (Z:all)	0.0	0.00%	0.00%	2372016	0	0	0	0	12 U	13 U
Acetone	10.0	0.00%	0.00%	1109491	0	0	0	0	12 U	13 U
Benzene	0.0	0.00%	0.00%	8107400	0	0	0	0	12 U	13 U
Bromochloromethane	0.0	0.00%	0.00%	1105288462	0	0	0	0	12 U	13 U
Bromoforn	0.0	0.00%	0.00%	21057692	0	0	0	0	12 U	13 U
Carbon tetrachloride	0.0	0.00%	0.00%	818910	0	0	0	0	12 U	13 U
Chlorobenzene	0.0	0.00%	0.00%	421153846	0	0	0	0	12 U	13 U
Chloroethane	0.0	0.00%	0.00%	11276797	0	0	0	0	12 U	13 U
Chloroethene	0.0	0.00%	0.00%	1505625	0	0	0	0	12 U	13 U
Chloroethyne	0.0	0.00%	0.00%	5791420	0	0	0	0	12 U	13 U
Chloroform	0.0	0.00%	0.00%	84230769	0	0	0	0	12 U	13 U
Chloroethane	0.0	0.00%	0.00%	9117195	0	0	0	0	12 U	13 U
Chloroethene	0.0	0.00%	0.00%	1322855	0	0	0	0	12 U	13 U
Chloroethyne	0.0	0.00%	0.00%	21057692	0	0	0	0	12 U	13 U
Diethyl ether	0.0	0.00%	0.00%	2105769231	0	0	0	0	12 U	13 U
Dibromomethane	0.0	0.00%	0.00%	6253487	0	0	0	0	12 U	13 U
Dibromochloromethane	0.0	0.00%	0.00%	365204	0	0	0	0	12 U	13 U

SITE DESCRIPTION	SEAD 120A 50 Area Dumping Areas	SEAD 120A 50 Area Dumping Areas	SEAD 120A 50 Area Dumping Areas	
LOC ID	TP120A.4	TP120A.5	TP120A.5	
SAMP ID	EB162	EB163	EB164	
QC CODE	SA	SA	SA	
SAMP DEPTH TOP	2	0	1	
SAMP DEPTH BOT	2.5	0.6	1.2	
MATRIX	SOIL	SOIL	SOIL	
SAMP DATE	30-Mar-98	30-Mar-98	30-Mar-98	
PARAMETER	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	78 U		83 U	84 U
1,2-Dichlorobenzene	78 U		83 U	84 U
1,3-Dichlorobenzene	78 U		83 U	84 U
1,4-Dichlorobenzene	78 U		83 U	84 U
2,4,5-Trichlorophenol	190 U		200 U	200 U
2,4,6-Trichlorophenol	78 U		83 U	84 U
2,4-Dichlorophenol	78 U		83 U	84 U
2,4-Dimethylphenol	78 U		83 U	84 U
2,4-Dinitrophenol	190 U		200 U	200 U
2,4-Dinitrotoluene	78 U		83 U	84 U
2,6-Dinitrotoluene	78 U		83 U	84 U
2-Chloronaphthalene	78 U		83 U	84 U
2-Chlorophenol	78 U		83 U	84 U
2-Methylnaphthalene	78 U		14 J	20 J
2-Methylphenol	78 U		83 U	84 U
2-Nitroamine	190 U		200 U	200 U
2-Nitrophenol	78 U		83 U	84 U
3,3'-Dichlorobenzidine	78 U		83 U	84 U
3-Nitroamine	190 U		200 U	200 U
4,6-Dinitro-2-methylphenol	190 U		200 U	200 U
4-Bromophenyl phenyl ether	78 U		83 U	84 U
4-Chloro-3-methylphenol	78 U		83 U	84 U
4-Chloroaniline	78 U		83 U	84 U
4-Chlorophenyl phenyl ether	78 U		83 U	84 U
4-Methylphenol	78 U		83 U	84 U
4-Nitroamine	190 U		200 U	200 U
4-Nitrophenol	190 U		200 U	200 U
Acenaphthene	78 U		83 U	84 U
Acenaphthylene	78 U		83 U	84 U
Anthracene	78 U		83 U	84 U
Benzo[a]anthracene	78 U		5.3 J	5.7 J
Benzo[a]pyrene	4.5 J		6 J	5.6 J
Benzo[b]fluoranthene	6.3 J		12 JY	7.3 J
Benzo[g]perylene	4.5 J		9 J	7.1 J
Benzo[i]fluoranthene	78 U		83 U	5.2 J
Bis(2-Chloroethoxy)methane	78 U		83 U	84 U
Bis(2-Chloroethyl)ether	78 U		83 U	84 U
Bis(2-Chloroisopropyl)ether	78 U		83 U	84 U
Bis(2-Ethylhexyl)phthalate	6.5 J		5.2 JB	4.4 JB
Butylbenzylphthalate	9.3 JB		83 U	84 U
Carbazole	78 U		83 U	84 U
Chrysene	78 U		10 J	12 J
Di-n-butylphthalate	4.8 J		83 U	84 U
Di-n-octylphthalate	78 U		83 U	84 U
Dibenz[a,h]anthracene	6.2 J		83 U	84 U
Dibenzofuran	78 U		83 U	6.6 J
Diethyl phthalate	5.5 JB		83 U	5.7 JB
Dimethylphthalate	78 U		83 U	84 U
Fluoranthene	78 U		10 J	9.6 J
Fluorene	78 U		83 U	84 U
Hexachlorobenzene	78 U		83 U	84 U
Hexachlorobutadiene	78 U		83 U	84 U
Hexachlorocyclopentadiene	78 U		83 U	84 U
Hexachloroethane	78 U		83 U	84 U
Indeno[1,2,3-cd]pyrene	5.9 J		5.9 J	84 U
Isophorone	78 U		83 U	84 U
N-Nitrosodiphenylamine	78 U		83 U	84 U
N-Nitrosodipropylamine	78 U		83 U	84 U
Naphthalene	78 U		7.4 J	10 J
Nitrobenzene	78 U		83 U	84 U
Pentachlorophenol	190 U		200 U	200 U
Phenanthrene	78 U		17 J	22 J
Phenol	78 U		83 U	84 U
Pyrene	78 U		9.9 J	10 J
TPH	18.4 U		18.4 U	21.4 U

SITE DESCRIPTION	SEAD 120A 50 Area Dumping Areas		SEAD 120A 50 Area Dumping Areas		SEAD 120A 50 Area Dumping Areas	
	LOC ID	TP120A.4	TP120A.5	EB163	TP120A.5	EB164
SAMP ID	SA	SA	SA	SA	SA	SA
QC CODE	2	0	1	1	1	1
SAMP DEPTH TOP	2.5	0.6	1.2	1.2	1.2	1.2
SAMP DEPTH BOT	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
MATRIX	30 Mar 98	30 Mar 98	30 Mar 98	30 Mar 98	30 Mar 98	30 Mar 98
SAMP DATE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
PARAMETER	Q	Q	Q	Q	Q	Q
1,2,4-Trichlorobenzene	U	78 U	83 U	84 U	84 U	84 U
1,2-Dichlorobenzene	U	78 U	83 U	84 U	84 U	84 U
1,3-Dichlorobenzene	U	78 U	83 U	84 U	84 U	84 U
1,4-Dichlorobenzene	U	78 U	83 U	84 U	84 U	84 U
2,4,5-Trichlorophenol	U	190 U	200 U	200 U	200 U	200 U
2,4,6-Trichlorophenol	U	78 U	83 U	84 U	84 U	84 U
2,4-Dichlorophenol	U	78 U	83 U	84 U	84 U	84 U
2,4-Dimethylphenol	U	78 U	83 U	84 U	84 U	84 U
2,4-Dinitrophenol	U	190 U	200 U	200 U	200 U	200 U
2,4-Dinitrotoluene	U	78 U	83 U	84 U	84 U	84 U
2,6-Dinitrotoluene	U	78 U	83 U	84 U	84 U	84 U
2-Chloronaphthalene	U	78 U	83 U	84 U	84 U	84 U
2-Chlorophenol	U	78 U	83 U	84 U	84 U	84 U
2-Methylnaphthalene	U	78 U	14 J	20 J	20 J	20 J
2-Methylphenol	U	78 U	83 U	84 U	84 U	84 U
2-Nitroaniline	U	190 U	200 U	200 U	200 U	200 U
2-Nitrophenol	U	78 U	83 U	84 U	84 U	84 U
3,3-Dichlorobenzidine	U	78 U	83 U	84 U	84 U	84 U
3-Nitroaniline	U	190 U	200 U	200 U	200 U	200 U
4,5-Dinitro-2-methylphenol	U	190 U	200 U	200 U	200 U	200 U
4-Bromophenyl phenyl ether	U	78 U	83 U	84 U	84 U	84 U
4-Chloro-3-methylphenol	U	78 U	83 U	84 U	84 U	84 U
4-Chloroaniline	U	78 U	83 U	84 U	84 U	84 U
4-Chlorophenyl phenyl ether	U	78 U	83 U	84 U	84 U	84 U
4-Methylphenol	U	78 U	83 U	84 U	84 U	84 U
4-Nitroaniline	U	190 U	200 U	200 U	200 U	200 U
4-Nitrophenol	U	190 U	200 U	200 U	200 U	200 U
Acenaphthene	U	78 U	83 U	84 U	84 U	84 U
Acenaphthylene	U	78 U	83 U	84 U	84 U	84 U
Anthracene	U	78 U	83 U	84 U	84 U	84 U
Benzo[a]anthracene	U	78 U	5.3 J	5.7 J	5.7 J	5.7 J
Benzo[a]pyrene	U	4.5 J	6 J	5.6 J	5.6 J	5.6 J
Benzo[b]fluoranthene	U	8.3 J	12 J	7.3 J	7.3 J	7.3 J
Benzo[g]herylene	U	4.5 J	5 J	7.1 J	7.1 J	7.1 J
Benzo[k]fluoranthene	U	78 U	83 U	5.2 J	5.2 J	5.2 J
Bis(2-Chloroethoxy)methane	U	78 U	83 U	84 U	84 U	84 U
Bis(2-Chloroethyl)ether	U	78 U	83 U	84 U	84 U	84 U
Bis(2-Chloroisopropyl)ether	U	78 U	83 U	84 U	84 U	84 U
Bis(2-Ethylhexyl)phthalate	JB	6.5 J	5.2 JB	4.4 JB	4.4 JB	4.4 JB
Butylbenzylphthalate	U	9.3 JB	83 U	84 U	84 U	84 U
Carbazole	U	78 U	83 U	84 U	84 U	84 U
Chrysene	U	78 U	10 J	12 J	12 J	12 J
Di-n-butylphthalate	U	4.8 J	83 U	84 U	84 U	84 U
Di-n-octylphthalate	U	78 U	83 U	84 U	84 U	84 U
Dibenz[gh]anthracene	U	6.2 J	83 U	84 U	84 U	84 U
Dibenzofuran	U	78 U	83 U	6.6 J	6.6 J	6.6 J
Diethyl phthalate	JB	5.5 JB	83 U	5.7 JB	5.7 JB	5.7 JB
Dimethylphthalate	U	78 U	83 U	84 U	84 U	84 U
Fluoranthene	U	78 U	10 J	9.6 J	9.6 J	9.6 J
Fluorene	U	78 U	83 U	84 U	84 U	84 U
Hexachlorobenzene	U	78 U	83 U	84 U	84 U	84 U
Hexachlorocyclopentadiene	U	78 U	83 U	84 U	84 U	84 U
Hexachlorocyclohexane	U	78 U	83 U	84 U	84 U	84 U
Indene[1,2,3-cd]pyrene	U	5.9 J	5.9 J	84 U	84 U	84 U
Isothorone	U	78 U	83 U	84 U	84 U	84 U
N-Nitrosodiphenylamine	U	78 U	83 U	84 U	84 U	84 U
N-Nitrosodipropylamine	U	78 U	83 U	84 U	84 U	84 U
Naphthalene	U	78 U	7.4 J	10 J	10 J	10 J
Nitrobenzene	U	78 U	83 U	84 U	84 U	84 U
Pentachlorophenol	U	190 U	200 U	200 U	200 U	200 U
Phenanthrene	U	78 U	17 J	22 J	22 J	22 J
Phenol	U	78 U	83 U	84 U	84 U	84 U
Pyrene	U	78 U	9.9 J	10 J	10 J	10 J
TPH	U	18.4 U	18.4 U	21.4 U	21.4 U	21.4 U

Table 16-6
120A - Metals in Soil vs TAGM
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION:		FREQUENCY OF		NUMBER ABOVE TAGM		NUMBER OF DETECTS		NUMBER OF ANALYSES		30-Mar-98		30-Mar-98		30-Mar-98		31-Mar-98	
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG	TAGM	DETECTS	ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE
Aluminum	MG/KG	14500	100.0%	19520	1052885	0	11	11	10100		11400		12800		13200		
Antimony	MG/KG	1.9	37.5%	6	421	0	3	8	1.1 UN		1.2 UN		1.6 BN		1.9		
Arsenic	MG/KG	6.0	100.0%	8.9	46	0	11	11	4.2		3.5		3.6		6		
Barium	MG/KG	134.0	100.0%	300	73702	0	11	11	61		68.9		79.9		109		
Beryllium	MG/KG	0.6	100.0%	1.13	16	0	11	11	0.36 B		0.44 B		0.49 B		0.49		
Cadmium	MG/KG	0.0	0.0%	2.46	526	0	0	11	0.07 U		0.07 U		0.07 U		0.07		
Calcium	MG/KG	85300	100.0%	125300		0	11	11	85300 *		70100 *		23000 *		4280		
Chromium	MG/KG	31.5	100.0%	30		1	11	11	16.6		18.5		19.4		31.5		
Cobalt	MG/KG	12.0	100.0%	30	6317	0	11	11	10.1 B		11 B		10.3 B		10.9		
Copper	MG/KG	57.7	100.0%	33	42115	1	11	11	21.8		21.8		26.4		57.7		
Cyanide	MG/KG	0.0	0.0%	0.35		0	0	11	0.63 U		0.61 U		0.65 U		0.69		
Iron	MG/KG	44500.0	100.0%	37410	315865	1	11	11	20600		22700		23900		44500		
Lead	MG/KG	68.3	100.0%	24.4		2	11	11	10.8		12.4		10.9		68.3		
Magnesium	MG/KG	19600.0	100.0%	21700		0	11	11	15900 *		13800 *		7800 *		3240		
Manganese	MG/KG	945.0	100.0%	1100	24216	0	11	11	486		463		567		757		
Mercury	MG/KG	0.1	18.2%	0.1	316	0	2	11	0.06 U		0.06 U		0.06 U		0.07		
Nickel	MG/KG	35.2	100.0%	50	21058	0	11	11	31.3		31.3		34		35.2		
Potassium	MG/KG	2110.0	100.0%	2623		0	11	11	1630		1760		1660		2100		
Selenium	MG/KG	1.6	220.0%	2	5264	0	11	5	1 UN*		1 UN*		1.1 UN*		1.2		
Silver	MG/KG	0.5	9.1%	0.8	5264	0	1	11	0.29 U		0.54 B		0.3 U		0.3		
Sodium	MG/KG	119.0	54.5%	188		0	6	11	108 B		110 B		110 B		60.7		
Thallium	MG/KG	2.1	18.2%	0.855		2	2	11	1.5 U		1.5 U		1.6 U		2.1		
Vanadium	MG/KG	25.3	100.0%	150	7370	0	11	11	17.1		19.3		22		24.2		
Zinc	MG/KG	100.0	100.0%	115	315865	0	11	11	67.5 E		73.3 E		72.8 E		100		

Table 16-6
120A - Metals in Soil vs TAGM
Non-Evaluated EBS Sites

2/17/99

SITE: DESCRIPTION:	SEAD-120A 50 Area Dumping Areas	SEAD-120A 50 Area Dumping Areas	SEAD-120A 50 Area Dumping Areas	SEAD-120A 50 Area Dumping Areas	SEAD-120A 50 Area Dumping Areas	SEAD-120A 50 Area Dumping Areas	SEAD-120A 50 Area Dumping Areas								
LOC ID:	TP120A-2	TP120A-3	TP120A-3	TP120A-4	TP120A-4	TP120A-5	TP120A-5								
SAMP_ID:	EB158	EB159	EB160	EB161	EB162	EB163	EB164								
QC CODE:	SA	SA	SA	SA	SA	SA	SA								
SAMP DETH TOP:	2	0	2	0	2	0	1								
SAMP DEPTH BOT:	2.2	0.6	2.5	0.6	2.5	0.6	1.2								
MATRIX:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL								
SAMP DATE:	31-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98								
PARAMETER	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q		
Aluminum		14500		12500		10100		13100		10600		13300		14300	
Antimony	BN	1.4	BN	1.2	UN	1.1	UN	1.2	UN	1.1	UN	1.2	UN	1.3	UN
Arsenic		5.5		4.1		3.5		3.8		4.3		3.7		3.1	
Barium		128		74.8		62.4		82.5		62.7		120		134	
Beryllium	B	0.59	B	0.46	B	0.38	B	0.52	B	0.44	B	0.57	B	0.62	B
Cadmium	U	0.08	U	0.07	U	0.06	U	0.07	U	0.07	U	0.07	U	0.08	U
Calcium	*	5210	*	55100	*	63200	*	25500	*	45700	*	15100	*	5450	*
Chromium		19.9		19.6		16.7		19.7		17.4		18.7		19.3	
Cobalt	B	12	B	10.7	B	10.1	B	9.9	B	9.2	B	8.9	B	8.4	B
Copper		20.4		22.8		21.2		22.6		23.7		20.5		20.1	
Cyanide	U	0.72	U	0.58	U	0.61	U	0.64	U	0.62	U	0.68	U	0.66	U
Iron		25100		23400		20500		23800		22100		22300		22900	
Lead		47.5		12.4		10.7		12.3		12.5		15.4		12.5	
Magnesium	*	3650	*	10900	*	19600	*	7380	*	8800	*	5780	*	3680	*
Manganese		945		497		487		500		475		469		519	
Mercury	B	0.06	B	0.05	U	0.05	U	0.06	U	0.05	U	0.06	U	0.06	U
Nickel		26.6		32.3		28.3		29.8		29.6		24.3		22.4	
Potassium		1690		2110		1590		1950		1380		1720		1500	
Selenium	BN*	1.6	N*	1	UN*	1.3	N*	1.3	N*	1.5	N*	1	UN*	1.5	N*
Silver	U	0.34	U	0.29	U	0.28	U	0.3	U	0.28	U	0.3	U	0.33	U
Sodium	U	69.3	U	119	B	86.1	B	59.9	U	91.2	B	61	U	65.7	U
Thallium	B	1.8	U	1.5	U	1.4	U	1.5	U	1.5	B	1.6	U	1.7	U
Vanadium		25.3		21		17.6		22.6		17.5		23.1		24	
Zinc	E	94.7	E	83.7	E	80	E	96.1	E	83.7	E	87.6	E	81.4	E

Table 16-7
 120A - Metals in Soil vs PRG-REC
 Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION	LOC ID	SAMP_ID	QC CODE	SAMP DEPTH TOP	SAMP DEPTH BOT	MATRIX	SAMP DATE	FREQUENCY OF		TAGM	PRG	NUMBER ABOVE	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-120A 50 Area Dumping Areas TP120A-1 EB155 SA 0 0.6 SOIL 30-Mar-98		SEAD-120A 50 Area Dumping Areas TP120A-1 EB032 DU 0 0.6 SOIL 30-Mar-98		SEAD-120A 50 Area Dumping Areas TP120A-1 EB156 SA 2 2.5 SOIL 30-Mar-98		SEAD-120A 50 Area Dumping Areas TP120A-2 EB157 SA 0 0.2 SOIL 31-Mar-98	
								MAXIMUM	DETECTION						VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Aluminum	MG/KG	14500.0	100.00%	19520	1052885	0	11	11	11	10100				11400		12800		13200				
Antimony	MG/KG	1.9	37.50%	6	421	0	3	8	1.1 UN				1.2 UN		1.6 BN		1.9					
Arsenic	MG/KG	6.0	100.00%	8.9	46	0	11	11	4.2				3.5		3.6		6					
Barium	MG/KG	134.0	100.00%	300	73702	0	11	11	61				68.9		79.9		109					
Beryllium	MG/KG	0.6	100.00%	1.13	16	0	11	11	0.36 B				0.44 B		0.49 B		0.49					
Cadmium	MG/KG	0.0	0.00%	2.46	526	0	0	11	0.07 U				0.07 U		0.07 U		0.07					
Calcium	MG/KG	85300.0	100.00%	125300		0	11	11	85300 *				70100 *		23000 *		4280					
Chromium	MG/KG	31.5	100.00%	30		0	11	11	16.6				18.5		19.4		31.5					
Cobalt	MG/KG	12.0	100.00%	30	6317	0	11	11	10.1 B				11 B		10.3 B		10.9					
Copper	MG/KG	57.7	100.00%	33	42115	0	11	11	21.8				21.8		26.4		57.7					
Cyanide	MG/KG	0.0	0.00%	0.35		0	0	11	0.63 U				0.61 U		0.65 U		0.69					
Iron	MG/KG	44500.0	100.00%	37410	315865	0	11	11	20600				22700		23900		44500					
Lead	MG/KG	68.3	100.00%	24.4		0	11	11	10.8				12.4		10.9		68.3					
Magnesium	MG/KG	19600.0	100.00%	21700		0	11	11	15900 *				13800 *		7800 *		3240					
Manganese	MG/KG	945.0	100.00%	1100	24216	0	11	11	486				463		567		757					
Mercury	MG/KG	0.1	18.18%	0.1	316	0	2	11	0.06 U				0.06 U		0.06 U		0.07					
Nickel	MG/KG	35.2	100.00%	50	21058	0	11	11	31.3				31.3		34		35.2					
Potassium	MG/KG	2110.0	100.00%	2623		0	11	11	1630				1760		1660		2100					
Selenium	MG/KG	1.6	220.00%	2	5264	0	11	5	1 UN*				1 UN*		1.1 UN*		1.2					
Silver	MG/KG	0.5	9.09%	0.8	5264	0	1	11	0.29 U				0.54 B		0.3 U		0.3					
Sodium	MG/KG	119.0	54.55%	188		0	6	11	108 B				110 B		110 B		60.7					
Thallium	MG/KG	2.1	18.18%	0.855		0	2	11	1.5 U				1.5 U		1.6 U		2.1					
Vanadium	MG/KG	25.3	100.00%	150	7370	0	11	11	17.1				19.3		22		24.2					
Zinc	MG/KG	100.0	100.00%	115	315865	0	11	11	67.5 E				73.3 E		72.8 E		100					

Table 16-7
120A - Metals in Soil vs PRG-RFC
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION	SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas			
	LOC ID	TP120A-2	TP120A-3	TP120A-3	TP120A-4	TP120A-4	TP120A-5	TP120A-5	TP120A-5	TP120A-5	TP120A-5	TP120A-5		
SAMP_ID	EB158	EB159	EB159	EB160	EB161	EB162	EB163	EB163	EB163	EB163	EB164	EB164		
QC CODE	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA		
SAMP DEPTH TOP	2	0	0	2	0	2	0	0	0	0	1	1		
SAMP DEPTH BOT	2.2	0.6	0.6	2.5	0.6	2.5	0.6	0.6	0.6	0.6	1.2	1.2		
MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
SAMP DATE	31-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98		
PARAMETER	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	
Aluminum		14500	Q	12500	Q	10100	Q	13100	Q	10600	Q	13300	Q	14300
Antimony	BN	1.4 BN	BN	1.2 UN	UN	1.1 UN	UN	1.2 UN	UN	1.1 UN	UN	1.2 UN	UN	1.3 UN
Arsenic		5.5		4.1		3.5		3.8		4.3		3.7		3.1
Barium		128		74.8		62.4		82.5		62.7		120		134
Beryllium	B	0.59 B	B	0.46 B	B	0.38 B	B	0.52 B	B	0.44 B	B	0.57 B	B	0.62 B
Cadmium	U	0.08 U	U	0.07 U	U	0.06 U	U	0.07 U	U	0.07 U	U	0.07 U	U	0.08 U
Calcium	*	5210 *	*	55100 *	*	63200 *	*	25500 *	*	45700 *	*	15100 *	*	5450 *
Chromium		19.9		19.6		16.7		19.7		17.4		18.7		19.3
Cobalt	B	12 B	B	10.7 B	B	10.1 B	B	9.9 B	B	9.2 B	B	8.9 B	B	8.4 B
Copper		20.4		22.8		21.2		22.6		23.7		20.5		20.1
Cyanide	U	0.72 U	U	0.58 U	U	0.61 U	U	0.64 U	U	0.62 U	U	0.68 U	U	0.66 U
Iron		25100		23400		20500		23800		22100		22300		22900
Lead		47.5		12.4		10.7		12.3		12.5		15.4		12.5
Magnesium	*	3650 *	*	10900 *	*	19600 *	*	7380 *	*	8800 *	*	5780 *	*	3680 *
Manganese		945		497		487		500		475		469		519
Mercury	B	0.06 B	B	0.05 U	U	0.05 U	U	0.06 U	U	0.05 U	U	0.06 U	U	0.06 U
Nickel		26.6		32.3		28.3		29.8		29.6		24.3		22.4
Potassium		1690		2110		1590		1950		1380		1720		1500
Selenium	BN*	1.6 N*	N*	1 UN*	UN*	1.3 N*	N*	1.3 N*	N*	1.5 N*	N*	1 UN*	UN*	1.5 N*
Silver	U	0.34 U	U	0.29 U	U	0.28 U	U	0.3 U	U	0.28 U	U	0.3 U	U	0.33 U
Sodium	U	69.3 U	U	119 B	B	86.1 B	B	59.9 U	U	91.2 B	B	61 U	U	65.7 U
Thallium	B	1.8 U	B	1.5 U	U	1.4 U	U	1.5 U	U	1.5 B	B	1.6 U	U	1.7 U
Vanadium		25.3		21		17.6		22.6		17.5		23.1		24
Zinc	E	94.7 E	E	83.7 E	E	80 E	E	96.1 E	E	83.7 E	E	87.6 E	E	81.4 E

Table 16-8
 120A Pesticides/PCB in Soil vs TAGM
 Non-Evaluated FBS Sites

2/17/99

SITE DESCRIPTION		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas								
LOC ID		TP120A-1	TP120A-1	TP120A-1	TP120A-1	TP120A-2	TP120A-2	TP120A-2	TP120A-2							
SAMP_ID		EB155	EB032	EB156	EB157	EB157	EB157	EB157	EB157							
QC CODE		SA	DU	SA	SA	SA	SA	SA	SA							
SAMP_DEPTH TOP		0	0	2	0	0	0	0	0							
SAMP_DEPTH BOT		0.6	0.6	2.5	0.2	0.2	0.2	0.2	0.2							
MATRIX		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL							
SAMP_DATE		30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98							
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
4,4'-DDD	UG/KG	0.0	0.00%	2900		0	0	11	3.9 U		3.8 U		3.9 U		4.3	
4,4'-DDE	UG/KG	0.0	0.00%	2100		0	0	11	3.9 U		3.8 U		3.9 U		4.3	
4,4'-DDT	UG/KG	3.1	22.22%	2100		0	2	9	3.9 U		3.8 U		3.9 U		4.3	
Aldrin	UG/KG	0.0	0.00%	41	4046	0	0	11	2 U		2 U		2 U		2.2	
Alpha-BHC	UG/KG	2.3	9.09%	110		0	1	11	2 U		2 U		2 U		2.2	
Alpha-Chlordane	UG/KG	0.0	0.00%			0	0	11	2 U		2 U		2 U		2.2	
Aroclor-1016	UG/KG	0.0	0.00%		73702	0	0	11	39 U		38 U		39 U		43	
Aroclor-1221	UG/KG	0.0	0.00%			0	0	11	78 U		78 U		79 U		88	
Aroclor-1232	UG/KG	0.0	0.00%			0	0	11	39 U		38 U		39 U		43	
Aroclor-1242	UG/KG	0.0	0.00%			0	0	11	39 U		38 U		39 U		43	
Aroclor-1248	UG/KG	0.0	0.00%			0	0	11	39 U		38 U		39 U		43	
Aroclor-1254	UG/KG	0.0	0.00%	10000	21058	0	0	11	39 U		38 U		39 U		43	
Aroclor-1260	UG/KG	0.0	0.00%	10000		0	0	11	39 U		38 U		39 U		43	
Beta-BHC	UG/KG	0.0	0.00%	200		0	0	11	2 U		2 U		2 U		2.2	
Delta-BHC	UG/KG	14.0	9.09%	300		0	1	11	2 U		2 U		2 U		2.2	
Dieldrin	UG/KG	0.0	0.00%	44	4299	0	0	11	3.9 U		3.8 U		3.9 U		4.3	
Endosulfan I	UG/KG	0.0	0.00%	900		0	0	11	2 U		2 U		2 U		2.2	
Endosulfan II	UG/KG	0.0	0.00%	900		0	0	11	3.9 U		3.8 U		3.9 U		4.3	
Endosulfan sulfate	UG/KG	0.0	0.00%	1000		0	0	11	3.9 U		3.8 U		3.9 U		4.3	
Endrin	UG/KG	0.0	0.00%	100	315865	0	0	11	3.9 U		3.8 U		3.9 U		4.3	
Endrin aldehyde	UG/KG	0.0	0.00%			0	0	11	3.9 U		3.8 U		3.9 U		4.3	
Endrin ketone	UG/KG	0.0	0.00%			0	0	11	3.9 U		3.8 U		3.9 U		4.3	
Gamma-BHC/Lindane	UG/KG	8.8	9.09%	60		0	1	11	2 U		2 U		2 U		2.2	
Gamma-Chlordane	UG/KG	0.0	0.00%	540		0	0	11	2 U		2 U		2 U		2.2	
Heptachlor	UG/KG	0.0	0.00%	100	15286	0	0	11	2 U		2 U		2 U		2.2	
Heptachlor epoxide	UG/KG	0.0	0.00%	20	7559	0	0	11	2 U		2 U		2 U		2.2	
Methoxychlor	UG/KG	0.0	0.00%		5264423	0	0	11	20 U		20 U		20 U		22	
Toxaphene	UG/KG	0.0	0.00%			0	0	11	200 U		200 U		200 U		220	

Table 16-8
120A - Pesticides-PCB in Soil vs TAGM
Non-Evaluated FBS Sites

2/17/99

SITE DESCRIPTION	SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas				
	TP120A-2	EB158	TP120A-3	EB159	TP120A-3	EB160	TP120A-4	EB161	TP120A-4	EB162	TP120A-5	EB163	TP120A-5	EB164	
LOC ID	SA		SA		SA		SA		SA		SA		SA		
SAMP_ID	2		0		2		0		2		0		1		
QC CODE	2		0		2		0		2		0		1		
SAMP_DEPTH TOP	2.2		0.6		2.5		0.6		2.5		0.6		1.2		
SAMP_DEPTH BOT	2.2		0.6		2.5		0.6		2.5		0.6		1.2		
MATRIX	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
SAMP DATE	31-Mar-98		30-Mar-98		30-Mar-98		30-Mar-98		30-Mar-98		30-Mar-98		30-Mar-98		
PARAMETER	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	
4,4'-DDD	U		4.3 U		3.8 U		3.8 U		4 U		3.9 U		4.2 U		4.2 U
4,4'-DDE	U		4.3 U		3.8 U		3.8 U		4 U		3.9 U		4.2 U		4.2 U
4,4'-DDT	U		4.3 U		3.8 U		3.1 JP		4 U		3.9 U		2.7 JP		4.2 U
Aldrin	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		2.2 U
Alpha-BHC	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		2.3
Alpha-Chlordane	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		2.2 U
Aroclor-1016	U		4.3 U		3.8 U		3.8 U		4.0 U		3.9 U		4.2 U		4.2 U
Aroclor-1221	U		8.8 U		7.8 U		7.7 U		8.1 U		7.9 U		8.5 U		8.6 U
Aroclor-1232	U		4.3 U		3.8 U		3.8 U		4.0 U		3.9 U		4.2 U		4.2 U
Aroclor-1242	U		4.3 U		3.8 U		3.8 U		4.0 U		3.9 U		4.2 U		4.2 U
Aroclor-1248	U		4.3 U		3.8 U		3.8 U		4.0 U		3.9 U		4.2 U		4.2 U
Aroclor-1254	U		4.3 U		3.8 U		3.8 U		4.0 U		3.9 U		4.2 U		4.2 U
Aroclor-1260	U		4.3 U		3.8 U		3.8 U		4.0 U		3.9 U		4.2 U		4.2 U
Beta-BHC	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		2.2 U
Delta-BHC	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		1.4
Dieldrin	U		4.3 U		3.8 U		3.8 U		4 U		3.9 U		4.2 U		4.2 U
Endosulfan I	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		2.2 U
Endosulfan II	U		4.3 U		3.8 U		3.8 U		4 U		3.9 U		4.2 U		4.2 U
Endosulfan sulfate	U		4.3 U		3.8 U		3.8 U		4 U		3.9 U		4.2 U		4.2 U
Endrin	U		4.3 U		3.8 U		3.8 U		4 U		3.9 U		4.2 U		4.2 U
Endrin aldehyde	U		4.3 U		3.8 U		3.8 U		4 U		3.9 U		4.2 U		4.2 U
Endrin ketone	U		4.3 U		3.8 U		3.8 U		4 U		3.9 U		4.2 U		4.2 U
Gamma-BHC/Lindane	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		8.8
Gamma-Chlordane	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		2.2 U
Heptachlor	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		2.2 U
Heptachlor epoxide	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		2.2 U
Methoxychlor	U		2.2 U		2.0 U		1.9 U		2.1 U		2.0 U		2.2 U		2.2 U
Toxaphene	U		2.2 U		2.0 U		1.9 U		2.1 U		2.0 U		2.2 U		2.2 U

Table 16-9
120A - Pesticides/PCBs in Soil vs PRG-RFC
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		
LOC ID	SAMP_ID	TP120A-1	EB155	TP120A-1	EB032	TP120A-1	EB156	TP120A-2	EB157	
QC CODE	SAMP_DEPTH TOP	SA	DU	SA	DU	SA	DU	SA	DU	
SAMP_DEPTH BOT	MATRIX	0	0	2	0	2	2	0	0	
SAMP_DATE	FREQUENCY OF	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SOIL	SOIL	SOIL	SOIL	SOIL	
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG	30-Mar-98	30-Mar-98	30-Mar-98	31-Mar-98	
						VALUE	Q	VALUE	Q	
4,4'-DDD	UG/KG	0.0	0.00%	2900		3.9 U		3.8 U	3.9 U	4.3
4,4'-DDE	UG/KG	0.0	0.00%	2100		3.9 U		3.8 U	3.9 U	4.3
4,4'-DDT	UG/KG	3.1	22.22%	2100		3.9 U		3.8 U	3.9 U	4.3
Aldrin	UG/KG	0.0	0.00%	41	4046	2 U		2 U	2 U	2.2
Alpha-BHC	UG/KG	2.3	9.09%	110		2 U		2 U	2 U	2.2
Alpha-Chlordane	UG/KG	0.0	0.00%			2 U		2 U	2 U	2.2
Aroclor-1016	UG/KG	0.0	0.00%		73702	39 U		38 U	39 U	43
Aroclor-1221	UG/KG	0.0	0.00%			78 U		78 U	79 U	88
Aroclor-1232	UG/KG	0.0	0.00%			39 U		38 U	39 U	43
Aroclor-1242	UG/KG	0.0	0.00%			39 U		38 U	39 U	43
Aroclor-1248	UG/KG	0.0	0.00%			39 U		38 U	39 U	43
Aroclor-1254	UG/KG	0.0	0.00%	10000	21058	39 U		38 U	39 U	43
Aroclor-1260	UG/KG	0.0	0.00%	10000		39 U		38 U	39 U	43
Beta-BHC	UG/KG	0.0	0.00%	200		2 U		2 U	2 U	2.2
Delta-BHC	UG/KG	14.0	9.09%	300		2 U		2 U	2 U	2.2
Dieldrin	UG/KG	0.0	0.00%	44	4299	3.9 U		3.8 U	3.9 U	4.3
Endosulfan I	UG/KG	0.0	0.00%	900		2 U		2 U	2 U	2.2
Endosulfan II	UG/KG	0.0	0.00%	900		3.9 U		3.8 U	3.9 U	4.3
Endosulfan sulfate	UG/KG	0.0	0.00%	1000		3.9 U		3.8 U	3.9 U	4.3
Endrin	UG/KG	0.0	0.00%	100	315865	3.9 U		3.8 U	3.9 U	4.3
Endrin aldehyde	UG/KG	0.0	0.00%			3.9 U		3.8 U	3.9 U	4.3
Endrin ketone	UG/KG	0.0	0.00%			3.9 U		3.8 U	3.9 U	4.3
Gamma-BHC/Lindane	UG/KG	8.8	9.09%	60		2 U		2 U	2 U	2.2
Gamma-Chlordane	UG/KG	0.0	0.00%	540		2 U		2 U	2 U	2.2
Heptachlor	UG/KG	0.0	0.00%	100	15286	2 U		2 U	2 U	2.2
Heptachlor epoxide	UG/KG	0.0	0.00%	20	7559	2 U		2 U	2 U	2.2
Methoxychlor	UG/KG	0.0	0.00%		5264423	20 U		20 U	20 U	22
Toxaphene	UG/KG	0.0	0.00%			200 U		200 U	200 U	220

Table 16-9
120A - Pesticides/PCBs in Soil vs PRG-RFC
Non-Evaluated FBS Sites

SITE DESCRIPTION	SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas				
	TP120A-2	EB158	TP120A-3	EB159	TP120A-3	EB160	TP120A-4	EB161	TP120A-4	EB162	TP120A-5	EB163	TP120A-5	EB164	
LOC ID	SA		SA		SA		SA		SA		SA		SA		
SAMP_ID	2		0		2		0		2		0		1		
QC CODE	2.2		0.6		2.5		0.6		2.5		0.6		1.2		
SAMP DEPTH TOP	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
SAMP DEPTH BOT	31-Mar-98		30-Mar-98		30-Mar-98		30-Mar-98		30-Mar-98		30-Mar-98		30-Mar-98		
MATRIX															
SAMP DATE															
PARAMETER	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	
4,4'-DDD	U		4.3 U		3.8 U		3.8 U		4 U		3.9 U		4.2 U		4.2 U
4,4'-DDE	U		4.3 U		3.8 U		3.8 U		4 U		3.9 U		4.2 U		4.2 U
4,4'-DDT	U		4.3 U		3.8 U		3.1 JP		4 U		3.9 U		2.7 JP		4.2 U
Aldrin	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		2.2 U
Alpha-BHC	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		2.3
Alpha-Chlordane	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		2.2 U
Aroclor-1016	U		4.3 U		3.8 U		3.8 U		4.0 U		3.9 U		4.2 U		4.2 U
Aroclor-1221	U		8.8 U		7.8 U		7.7 U		8.1 U		7.9 U		8.5 U		8.6 U
Aroclor-1232	U		4.3 U		3.8 U		3.8 U		4.0 U		3.9 U		4.2 U		4.2 U
Aroclor-1242	U		4.3 U		3.8 U		3.8 U		4.0 U		3.9 U		4.2 U		4.2 U
Aroclor-1248	U		4.3 U		3.8 U		3.8 U		4.0 U		3.9 U		4.2 U		4.2 U
Aroclor-1254	U		4.3 U		3.8 U		3.8 U		4.0 U		3.9 U		4.2 U		4.2 U
Aroclor-1260	U		4.3 U		3.8 U		3.8 U		4.0 U		3.9 U		4.2 U		4.2 U
Beta-BHC	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		2.2 U
Delta-BHC	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		1.4
Dieldrin	U		4.3 U		3.8 U		3.8 U		4 U		3.9 U		4.2 U		4.2 U
Endosulfan I	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		2.2 U
Endosulfan II	U		4.3 U		3.8 U		3.8 U		4 U		3.9 U		4.2 U		4.2 U
Endosulfan sulfate	U		4.3 U		3.8 U		3.8 U		4 U		3.9 U		4.2 U		4.2 U
Endrin	U		4.3 U		3.8 U		3.8 U		4 U		3.9 U		4.2 U		4.2 U
Endrin aldehyde	U		4.3 U		3.8 U		3.8 U		4 U		3.9 U		4.2 U		4.2 U
Endrin ketone	U		4.3 U		3.8 U		3.8 U		4 U		3.9 U		4.2 U		4.2 U
Gamma-BHC/Lindane	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		8.8
Gamma-Chlordane	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		2.2 U
Heptachlor	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		2.2 U
Heptachlor epoxide	U		2.2 U		2 U		1.9 U		2.1 U		2 U		2.2 U		2.2 U
Methoxychlor	U		2.2 U		2.0 U		1.9 U		2.1 U		2.0 U		2.2 U		2.2 U
Toxaphene	U		2.2 U		2.0 U		1.9 U		2.1 U		2.0 U		2.2 U		2.2 U

Table 16-10
120A - Herbicides in Soil vs TAGM
Non-Evaluated FBS Sites

2/17/99

SITE DESCRIPTION		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas								
LOC ID		TP120A-1		TP120A-1		TP120A-1		TP120A-2								
SAMP_ID		EB155		EB032		EB156		EB157								
QC CODE		SA		DU		SA		SA								
SAMP DEPTH TOP		0		0		2		0								
SAMP DEPTH BOT		0.6		0.6		2.5		0.2								
MATRIX		SOIL		SOIL		SOIL		SOIL								
SAMP DATE			30-Mar-98		30-Mar-98		30-Mar-98		31-Mar-98							
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
2,4,5-T	UG/KG	0.0	0.00%	1900		0	0	11	5.6 U	NA			5.7 U		6.3	
2,4,5-TP/Silvex	UG/KG	0.0	0.00%	700		0	0	11	5.6 U	NA			5.7 U		6.3	
2,4-D	UG/KG	0.0	0.00%	500		0	0	11	55 U	NA			56 U		62	
2,4-DB	UG/KG	0.0	0.00%			0	0	11	56 U	NA			57 U		63	
3,5-Dichlorobenzoic acid	UG/KG	0.0	0.00%			0	0	11	55 U	NA			56 U		62	
Dalapon	UG/KG	0.0	0.00%			0	0	11	300 U	NA			310 U		340	
Dicamba	UG/KG	0.0	0.00%			0	0	11	5.5 U	NA			5.6 U		6.2	
Dichloroprop	UG/KG	0.0	0.00%			0	0	11	55 U	NA			56 U		62	
Dinoseb	UG/KG	0.0	0.00%			0	0	11	28 U	NA			28 U		32	
MCPA	UG/KG	0.0	0.00%			0	0	11	5500 U	NA			5600 U		6200	
MCPP	UG/KG	0.0	0.00%			0	0	11	5500 U	NA			5600 U		6200	
Pentachlorophenol	UG/KG	0.0	0.00%	1000	573237	0	0	11	20 U	NA			20 U		22	
Picloram	UG/KG	0.0	0.00%		73701923	0	0	11	5.6 U	NA			5.7 U		6.3	

Table 16-10
120A - Herbicides in Soils vs TAGM
Non-Evaluated FBS Sites

2/17/99

SITE DESCRIPTION	SEAD-120A 50 Area Dumping Areas	SEAD-120A 50 Area Dumping Areas	SEAD-120A 50 Area Dumping Areas	SEAD-120A 50 Area Dumping Areas	SEAD-120A 50 Area Dumping Areas	SEAD-120A 50 Area Dumping Areas	SEAD-120A 50 Area Dumping Areas
LOC ID	TP120A-2	TP120A-3	TP120A-3	TP120A-4	TP120A-4	TP120A-5	TP120A-5
SAMP_ID	EB158	EB159	EB160	EB161	EB162	EB163	EB164
QC CODE	SA	SA	SA	SA	SA	SA	SA
SAMP DEPTH TOP	2	0	2	0	2	0	1
SAMP DEPTH BOT	2.2	0.6	2.5	0.6	2.5	0.6	1.2
MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
SAMP DATE	31-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98	30-Mar-98
PARAMETER	Q	Q	Q	Q	Q	Q	Q
2,4,5-T	U	6.3 U	5.6 U	5.5 U	5.8 U	5.6 U	6.1 U
2,4,5-TP/Silvex	U	6.3 U	5.6 U	5.5 U	5.8 U	5.6 U	6.1 U
2,4-D	U	62 U	55 U	54 U	57 U	55 U	59 U
2,4-DB	U	63 U	56 U	55 U	58 U	56 U	61 U
3,5-Dichlorobenzoic acid	U	62 U	55 U	54 U	57 U	55 U	59 U
Dalapon	U	340 U	300 U	300 U	320 U	300 U	330 U
Dicamba	U	6.2 U	5.5 U	5.4 U	5.7 U	5.5 U	5.9 U
Dichloroprop	U	62 U	55 U	54 U	57 U	55 U	59 U
Dinoseb	U	32 U	28 U	28 U	29 U	28 U	30 U
MCPA	U	6200 U	5500 U	5400 U	5700 U	5500 U	5900 U
MCPP	U	6200 U	5500 U	5400 U	5700 U	5500 U	5900 U
Pentachlorophenol	U	22 U	20 U	20 U	21 U	20 U	22 U
Picloram	U	6.3 U	5.6 U	5.5 U	5.8 U	5.6 U	6.1 U

Table 16-11
 120 A - Herbicides in Soil vs PRG-RFC
 Non-Evaluated FBS Sites

2/17/99

SITE DESCRIPTION		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas								
LOC ID		TP120A-1		TP120A-1		TP120A-1		TP120A-2								
SAMP_ID		EB155		EB032		EB156		EB157								
QC CODE		SA		DU		SA		SA								
SAMP_DEPTH TOP		0		0		2		0								
SAMP_DEPTH BOT		0.6		0.6		2.5		0.2								
MATRIX		SOIL		SOIL		SOIL		SOIL								
SAMP_DATE		30-Mar-98		30-Mar-98		30-Mar-98		31-Mar-98								
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
2,4,5-T	UG/KG	0.0	0.00%	1900		0	0	11	5.6 U	NA			5.7 U		6.3	
2,4,5-TP/Silvex	UG/KG	0.0	0.00%	700		0	0	11	5.6 U	NA			5.7 U		6.3	
2,4-D	UG/KG	0.0	0.00%	500		0	0	11	55 U	NA			56 U		62	
2,4-DB	UG/KG	0.0	0.00%			0	0	11	56 U	NA			57 U		63	
3,5-Dichlorobenzoic acid	UG/KG	0.0	0.00%			0	0	11	55 U	NA			56 U		62	
Dalapon	UG/KG	0.0	0.00%			0	0	11	300 U	NA			310 U		340	
Dicamba	UG/KG	0.0	0.00%			0	0	11	5.5 U	NA			5.6 U		6.2	
Dichloroprop	UG/KG	0.0	0.00%			0	0	11	55 U	NA			56 U		62	
Dinoseb	UG/KG	0.0	0.00%			0	0	11	28 U	NA			28 U		32	
MCPA	UG/KG	0.0	0.00%			0	0	11	5500 U	NA			5600 U		6200	
MCPP	UG/KG	0.0	0.00%			0	0	11	5500 U	NA			5600 U		6200	
Pentachlorophenol	UG/KG	0.0	0.00%	1000	573237	0	0	11	20 U	NA			20 U		22	
Picloram	UG/KG	0.0	0.00%		73701923	0	0	11	5.6 U	NA			5.7 U		6.3	

Table 16-11
120A - Herbicides in Soil vs PRG-REC
Non-Evaluated EBS Sites

SITE DESCRIPTION	SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		SEAD-120A 50 Area Dumping Areas		
LOC ID	TP120A-2		TP120A-3		TP120A-3		TP120A-4		TP120A-4		TP120A-5		TP120A-5		
SAMP_ID	EB158		EB159		EB160		EB161		EB162		EB163		EB164		
QC CODE	SA		SA		SA		SA		SA		SA		SA		
SAMP DEPTH TOP	2		0		2		0		2		0		1		
SAMP DEPTH BOT	2.2		0.6		2.5		0.6		2.5		0.6		1.2		
MATRIX	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
SAMP DATE	31-Mar-98		30-Mar-98		30-Mar-98		30-Mar-98		30-Mar-98		30-Mar-98		30-Mar-98		
PARAMETER	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	
2,4,5-T	U		6.3	U	5.6	U	5.5	U	5.8	U	5.6	U	6.1	U	6.2
2,4,5-TP/Silvex	U		6.3	U	5.6	U	5.5	U	5.8	U	5.6	U	6.1	U	6.2
2,4-D	U		6.2	U	5.5	U	5.4	U	5.7	U	5.5	U	5.9	U	6.0
2,4-DB	U		6.3	U	5.6	U	5.5	U	5.8	U	5.6	U	6.1	U	6.2
3,5-Dichlorobenzoic acid	U		6.2	U	5.5	U	5.4	U	5.7	U	5.5	U	5.9	U	6.0
Dalapon	U		340	U	300	U	300	U	320	U	300	U	330	U	330
Dicamba	U		6.2	U	5.5	U	5.4	U	5.7	U	5.5	U	5.9	U	6.0
Dichloroprop	U		6.2	U	5.5	U	5.4	U	5.7	U	5.5	U	5.9	U	6.0
Dinoseb	U		32	U	28	U	28	U	29	U	28	U	30	U	31
MCPA	U		6200	U	5500	U	5400	U	5700	U	5500	U	5900	U	6000
MCPP	U		6200	U	5500	U	5400	U	5700	U	5500	U	5900	U	6000
Pentachlorophenol	U		22	U	20	U	20	U	21	U	20	U	22	U	22
Picloram	U		6.3	U	5.6	U	5.5	U	5.8	U	5.6	U	6.1	U	6.2

SEAD-120B

Ovid Road Small Arms Range

Table 17-1
 Sample Collection Information
 SEAD-120B - Ovid Road Small Arms Range
 12 Moderate EBS Non-Evaluated Sites
 Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	TP120B-1	EB165	3/31/98	0.6	1.0	SA	Location is in central portion of the arcuate berm behind target mounting post (potential bullet impact area) Sample depth chosen where the most projectiles were found
SOIL	TP120B-1	EB034	3/31/98	0.6	1.0	DU	Location is in central portion of the arcuate berm behind target mounting post (potential bullet impact area) Sample depth chosen where the most projectiles were found
SOIL	TP120B-1	EB166	3/31/98	2.0	2.2	SA	Location same as above Sample chosen beneath the zone that contained the most projectiles (potential impact due to leaching from zone above)
SOIL	TP120B-2	EB167	3/31/98	0.8	1.0	SA	Location is in south-central portion of the arcuate berm behind a target mounting post (potential bullet impact area) Sample chosen where the most projectiles were found
SOIL	TP120B-2	EB168	3/31/98	2.0	2.2	SA	Location same as above Sample chosen beneath the zone that contained the most bullet casings (potential impact due to leaching from zone above)
SOIL	TP120B-3	EB169	3/31/98	1.0	1.5	SA	Location is in north-central portion of the arcuate berm behind a target mounting post (potential bullet impact area) Sample chosen where the most projectiles were found
SOIL	TP120B-3	EB170	3/31/98	2.8	3.0	SA	Location same as above Sample chosen beneath the zone that contained the most projectiles (potential impact due to leaching from zone above)
WATER	TP120B-1	EB035	3/31/98	0.0	0.0	RB	NA

Notes

SA - Sample

DU - Duplicate

NA - Not Applicable

Table 17-2
120B - Explosives in Soil vs TAGMs
Non-Evaluated EBS Sites

2/17/99

SITE:
DESCRIPTION:

SEAD-120B
Ovid Road
Small Arms
Range

SEAD-120B
Ovid Road
Small Arms
Range

LOC ID:
SAMP_ID
QC CODE:
SAMP_DEPTH TOP:
SAMP_DEPTH BOT:
MATRIX:
SAMP_DATE:

TP120B-1
EB165
SA
0.6
1
SOIL

TP120B-1
EB034
DU
0.6
1
SOIL

PARAMETER	UNIT	MAXIMUM	FREQUENCY OF		TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	3/31/98		VALUE	Q
			DETECTION	TAGM						VALUE	Q		
1,3,5-Trinitrobenzene	UG/KG	0.0	0.00%			52644	0	0	7	120 U		120 U	
1,3-Dinitrobenzene	UG/KG	0.0	0.00%			105288	0	0	7	120 U		120 U	
2,4,6-Trinitrotoluene	UG/KG	0.0	0.00%			526442	0	0	7	120 U		120 U	
2,4-Dinitrotoluene	UG/KG	0.0	0.00%			2105769	0	0	7	120 U		120 U	
2,6-Dinitrotoluene	UG/KG	0.0	0.00%	1000		1052885	0	0	7	120 U		120 U	
2-Nitrotoluene	UG/KG	0.0	0.00%				0	0	7	120 U		120 U	
2-amino-4,6-Dinitrotoluene	UG/KG	0.0	0.00%				0	0	7	120 U		120 U	
3-Nitrotoluene	UG/KG	0.0	0.00%				0	0	7	120 U		120 U	
4-Nitrotoluene	UG/KG	0.0	0.00%				0	0	7	120 U		120 U	
4-amino-2,6-Dinitrotoluene	UG/KG	0.0	0.00%				0	0	7	120 U		120 U	
HMX	UG/KG	0.0	0.00%				0	0	7	120 U		120 U	
Nitrobenzene	UG/KG	0.0	0.00%	200		526442	0	0	7	120 U		120 U	
RDX	UG/KG	0.0	0.00%				0	0	7	120 U		120 U	
Tetryl	UG/KG	0.0	0.00%				0	0	7	120 U		120 U	

Table 17-2
120B - Explosives in Soil vs TAGMs
Non-Evaluated EBS Sites

SITE:	SEAD-120B	SEAD-120B	SEAD-120B	SEAD-120B	SEAD-120B					
DESCRIPTION:	Ovid Road Small Arms Range	Ovid Road Small Arms Range	Ovid Road Small Arms Range	Ovid Road Small Arms Range	Ovid Road Small Arms Range					
LOC ID:	TP120B-1	TP120B-2	TP120B-2	TP120B-3	TP120B-3					
SAMP_ID:	EB166	EB167	EB168	EB169	EB170					
QC CODE:	SA	SA	SA	SA	SA					
SAMP. DETH TOP:	2	0.8	2	1	2.8					
SAMP. DEPTH BOT:	2.2	1	2.2	1.5	3					
MATRIX:	SOIL	SOIL	SOIL	SOIL	SOIL					
SAMP. DATE:	3/31/98	3/31/98	3/31/98	3/31/98	3/31/98					
PARAMETER	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,3,5-Trinitrobenzene	120	U	120	U	120	U	120	U	120	U
1,3-Dinitrobenzene	120	U	120	U	120	U	120	U	120	U
2,4,6-Trinitrotoluene	120	U	120	U	120	U	120	U	120	U
2,4-Dinitrotoluene	120	U	120	U	120	U	120	U	120	U
2,6-Dinitrotoluene	120	U	120	U	120	U	120	U	120	U
2-Nitrotoluene	120	U	120	U	120	U	120	U	120	U
2-amino-4,6-Dinitrotoluene	120	U	120	U	120	U	120	U	120	U
3-Nitrotoluene	120	U	120	U	120	U	120	U	120	U
4-Nitrotoluene	120	U	120	U	120	U	120	U	120	U
4-amino-2,6-Dinitrotoluene	120	U	120	U	120	U	120	U	120	U
HMX	120	U	120	U	120	U	120	U	120	U
Nitrobenzene	120	U	120	U	120	U	120	U	120	U
RDX	120	U	120	U	120	U	120	U	120	U
Tetryl	120	U	120	U	120	U	120	U	120	U

Table 17-3
 120B - Explosives in Soil vs PRG-REC
 Non-Evaluated EBS Sites

2/17/99

SITE:
 DESCRIPTION:

SEAD-120B
 Ovid Road
 Small Arms
 Range

SEAD-120B
 Ovid Road
 Small Arms
 Range

LOC ID:
 SAMP_ID:
 QC CODE:
 SAMP. DETH TOP:
 SAMP. DEPTH BOT:
 MATRIX:
 SAMP. DATE:

TP120B-1
 EB165
 SA
 0.6
 1
 SOIL

TP120B-1
 EB034
 DU
 0.6
 1
 SOIL

PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	3/31/98		3/31/98	
									VALUE	Q	VALUE	Q
1,3,5-Trinitrobenzene	UG/KG	0.0	0.00%		52644	0	0	7	120 U		120 U	
1,3-Dinitrobenzene	UG/KG	0.0	0.00%		105288	0	0	7	120 U		120 U	
2,4,6-Trinitrotoluene	UG/KG	0.0	0.00%		526442	0	0	7	120 U		120 U	
2,4-Dinitrotoluene	UG/KG	0.0	0.00%		2105769	0	0	7	120 U		120 U	
2,6-Dinitrotoluene	UG/KG	0.0	0.00%	1000	1052885	0	0	7	120 U		120 U	
2-Nitrotoluene	UG/KG	0.0	0.00%			0	0	7	120 U		120 U	
2-amino-4,6-Dinitrotoluene	UG/KG	0.0	0.00%			0	0	7	120 U		120 U	
3-Nitrotoluene	UG/KG	0.0	0.00%			0	0	7	120 U		120 U	
4-Nitrotoluene	UG/KG	0.0	0.00%			0	0	7	120 U		120 U	
4-amino-2,6-Dinitrotoluene	UG/KG	0.0	0.00%			0	0	7	120 U		120 U	
HMX	UG/KG	0.0	0.00%			0	0	7	120 U		120 U	
Nitrobenzene	UG/KG	0.0	0.00%	200	526442	0	0	7	120 U		120 U	
RDX	UG/KG	0.0	0.00%			0	0	7	120 U		120 U	
Tetryl	UG/KG	0.0	0.00%			0	0	7	120 U		120 U	

Table 17-3
120B - Explosives in Soil vs PRG-REC
Non-Evaluated EBS Sites

SITE:	SEAD-120B	SEAD-120B	SEAD-120B	SEAD-120B	SEAD-120B					
DESCRIPTION:	Ovid Road Small Arms Range	Ovid Road Small Arms Range	Ovid Road Small Arms Range	Ovid Road Small Arms Range	Ovid Road Small Arms Range					
LOC ID:	TP120B-1	TP120B-2	TP120B-2	TP120B-3	TP120B-3					
SAMP_ID:	EB166	EB167	EB168	EB169	EB170					
QC CODE:	SA	SA	SA	SA	SA					
SAMP. DETH TOP:	2	0.8	2	1	2.8					
SAMP. DEPTH BOT:	2.2	1	2.2	1.5	3					
MATRIX:	SOIL	SOIL	SOIL	SOIL	SOIL					
SAMP. DATE:	3/31/98	3/31/98	3/31/98	3/31/98	3/31/98					
PARAMETER	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,3,5-Trinitrobenzene	120	U	120	U	120	U	120	U	120	U
1,3-Dinitrobenzene	120	U	120	U	120	U	120	U	120	U
2,4,6-Trinitrotoluene	120	U	120	U	120	U	120	U	120	U
2,4-Dinitrotoluene	120	U	120	U	120	U	120	U	120	U
2,6-Dinitrotoluene	120	U	120	U	120	U	120	U	120	U
2-Nitrotoluene	120	U	120	U	120	U	120	U	120	U
2-amino-4,6-Dinitrotoluene	120	U	120	U	120	U	120	U	120	U
3-Nitrotoluene	120	U	120	U	120	U	120	U	120	U
4-Nitrotoluene	120	U	120	U	120	U	120	U	120	U
4-amino-2,6-Dinitrotoluene	120	U	120	U	120	U	120	U	120	U
HMX	120	U	120	U	120	U	120	U	120	U
Nitrobenzene	120	U	120	U	120	U	120	U	120	U
RDX	120	U	120	U	120	U	120	U	120	U
Tetryl	120	U	120	U	120	U	120	U	120	U

Table 17-6
120B - Metals in Soil vs TAGMs
Non-Evaluated EBS Sites

2/17/99

SITE:
DESCRIPTION:

SEAD-120B
Ovid Road
Small Arms
Range

SEAD-120B
Ovid Road
Small Arms
Range

SEAD-120B
Ovid Road
Small Arms
Range

LOC ID:
SAMP_ID:
QC CODE:
SAMP. DEPTH TOP:
SAMP. DEPTH BOT:
MATRIX:
SAMP. DATE:

TP120B-1
EB165
SA
0.6
1
SOIL

TP120B-1
EB034
DU
0.6
1
SOIL

TP120B-1
EB166
SA
2
2.2
SOIL

PARAMETER	UNIT	FREQUENCY OF		TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	3/31/98		3/31/98		3/31/98	
		MAXIMUM	DETECTION						VALUE	Q	VALUE	Q	VALUE	Q
Aluminum	MG/KG	15300.0	85.71%	19520	1052885	0	6	7	13300		NA		13400	
Antimony	MG/KG	1.4	75.00%	6	421	0	3	4	1.1 UN		NA		1.2 UN	
Arsenic	MG/KG	10.7	85.71%	8.9	46	1	6	7	2.9		NA		10.7	
Barium	MG/KG	148.0	85.71%	300	73702	0	6	7	105		NA		148	
Beryllium	MG/KG	0.6	85.71%	1.13	16	0	6	7	0.56 B		NA		0.40 B	
Cadmium	MG/KG	0.0	0.00%	2.46	526	0	0	7	0.07 U		NA		0.07 U	
Calcium	MG/KG	36600.0	85.71%	125300		0	6	7	20300 *		NA		21700 *	
Chromium	MG/KG	21.9	85.71%	30	1052885	0	6	7	19.7		NA		20.1	
Cobalt	MG/KG	14.2	85.71%	30	63173	0	6	7	9.8 B		NA		14.2	
Copper	MG/KG	212.0	85.71%	33	42115	4	6	7	191		NA		57.0	
Cyanide	MG/KG	0.0	0.00%	0.35		0	0	7	0.63 U		NA		0.65 U	
Iron	MG/KG	27100.0	85.71%	37410	315865	0	6	7	24100		NA		26200	
Lead	MG/KG	522.0	85.71%	24.4		6	6	7	289		NA		324	
Magnesium	MG/KG	10300.0	85.71%	21700		0	6	7	6200 *		NA		7640 *	
Manganese	MG/KG	945.0	85.71%	1100	24216	0	6	7	448		NA		945	
Mercury	MG/KG	0.1	14.29%	0.1	316	0	1	7	0.06 U		NA		0.07 B	
Nickel	MG/KG	34.6	85.71%	50	21058	0	6	7	29.9		NA		34.6	
Potassium	MG/KG	2270.0	85.71%	2623		0	6	7	1630		NA		1730	
Selenium	MG/KG	1.2	600.00%	2	5264	0	6	1	1.0 UN*		NA		1.1 UN*	
Silver	MG/KG	0.4	14.29%	0.8	5264	0	1	7	0.29 U		NA		0.31 U	
Sodium	MG/KG	92.5	71.43%	188		0	5	7	90.4 B		NA		88.5 B	
Thallium	MG/KG	2.9	28.57%	0.855	84	2	2	7	1.5 U		NA		1.9 B	
Vanadium	MG/KG	25.7	85.71%	150	7370	0	6	7	21.2		NA		24.2	
Zinc	MG/KG	110.0	85.71%	115		0	6	7	83.5 E		NA		87.2 E	

Table 17-6
120B - Metals in Soil vs TAGMs
Non-Evaluated EBS Sites

SITE:	SEAD-120B	SEAD-120B	SEAD-120B	SEAD-120B				
DESCRIPTION:	Ovid Road Small Arms Range	Ovid Road Small Arms Range	Ovid Road Small Arms Range	Ovid Road Small Arms Range				
LOC ID:	TP120B-2	TP120B-2	TP120B-3	TP120B-3				
SAMP_ID:	EB167	EB168	EB169	EB170				
QC CODE:	SA	SA	SA	SA				
SAMP. DETH TOP:	0.8	2	1	2.8				
SAMP. DEPTH BOT:	1	2.2	1.5	3				
MATRIX:	SOIL	SOIL	SOIL	SOIL				
SAMP. DATE:	3/31/98	3/31/98	3/31/98	3/31/98				
PARAMETER	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Aluminum	15300		13600		13400		13100	
Antimony	1.4	BN	1.2	UN	1.2	BN	1.3	BN
Arsenic	5.1		4.0		3.2		2.7	
Barium	134		115		112		106	
Beryllium	0.51	B	0.53	B	0.54	B	0.56	B
Cadmium	0.07	U	0.07	U	0.07	U	0.07	U
Calcium	8020	*	27200	*	28500	*	36600	*
Chromium	21.9		20.2		19.6		19.3	
Cobalt	12.2		11.6	B	9.6	B	8.6	B
Copper	138		212		33.0		32.1	
Cyanide	0.62	U	0.65	U	0.62	U	0.63	U
Iron	27100		24500		23100		22500	
Lead	522		166		82.6		72	
Magnesium	5130	*	7280	*	10300	*	10200	*
Manganese	871		585		474		352	
Mercury	0.06	U	0.06	U	0.05	U	0.06	U
Nickel	32.1		31.1		29.3		27.7	
Potassium	2270		1670		1800		1700	
Selenium	1.2	BN*	1.0	UN*	1.0	UN*	1.0	UN*
Silver	0.31	U	0.38	B	0.29	U	0.3	U
Sodium	92.5	B	72.2	B	58.5	U	69.6	B
Thallium	2.9		1.5	U	1.5	U	1.6	U
Vanadium	25.7		22.7		22.6		21.9	
Zinc	105	E	110	E	83.9	E	79.9	E

Table 17-7
120B - Metals in Soil vs PRG-RFC
Non-Evaluated EBS Sites

2/17/99

SITE
DESCRIPTION:

SEAD-120B
Ovid Road
Small Arms
Range

SEAD-120B
Ovid Road
Small Arms
Range

SEAD-120B
Ovid Road
Small Arms
Range

LOC ID
SAMP_ID:
QC CODE:
SAMP_DEPTH TOP:
SAMP_DEPTH BOT:
MATRIX:
SAMP_DATE:

TP120B-1
EB165
SA
0.6
1
SOIL

TP120B-1
EB034
DU
0.6
1
SOIL

TP120B-1
EB166
SA
2
2.2
SOIL

PARAMETER	UNIT	FREQUENCY OF		TAGM	PRG	NUMBER	NUMBER	NUMBER	3/31/98		3/31/98		3/31/98	
		MAXIMUM	DETECTION			ABOVE TAGM	OF DETECTS	OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q
Aluminum	MG/KG	15300.0	85.71%	19520	1052885	0	6	7	13300		NA		13400	
Antimony	MG/KG	1.4	75.00%	6	421	0	3	4	1.1 UN		NA		1.2 UN	
Arsenic	MG/KG	10.7	85.71%	8.9	46	0	6	7	2.9		NA		10.7	
Barium	MG/KG	148.0	85.71%	300	73702	0	6	7	105		NA		148	
Beryllium	MG/KG	0.6	85.71%	1.13	16	0	6	7	0.56 B		NA		0.40 B	
Cadmium	MG/KG	0.0	0.00%	2.46	526	0	0	7	0.07 U		NA		0.07 U	
Calcium	MG/KG	36600.0	85.71%	125300		0	6	7	20300 *		NA		21700 *	
Chromium	MG/KG	21.9	85.71%	30	1052885	0	6	7	19.7		NA		20.1	
Cobalt	MG/KG	14.2	85.71%	30	63173	0	6	7	9.8 B		NA		14.2	
Copper	MG/KG	212.0	85.71%	33	42115	0	6	7	191		NA		57.0	
Cyanide	MG/KG	0.0	0.00%	0.35		0	0	7	0.63 U		NA		0.65 U	
Iron	MG/KG	27100.0	85.71%	37410	315865	0	6	7	24100		NA		26200	
Lead	MG/KG	522.0	85.71%	24.4		0	6	7	289		NA		324	
Magnesium	MG/KG	10300.0	85.71%	21700		0	6	7	6200 *		NA		7640 *	
Manganese	MG/KG	945.0	85.71%	1100	24216	0	6	7	448		NA		945	
Mercury	MG/KG	0.1	14.29%	0.1	316	0	1	7	0.06 U		NA		0.07 B	
Nickel	MG/KG	34.6	85.71%	50	21058	0	6	7	29.9		NA		34.6	
Potassium	MG/KG	2270.0	85.71%	2623		0	6	7	1630		NA		1730	
Selenium	MG/KG	1.2	600.00%	2	5264	0	6	1	1.0 UN*		NA		1.1 UN*	
Silver	MG/KG	0.4	14.29%	0.8	5264	0	1	7	0.29 U		NA		0.31 U	
Sodium	MG/KG	92.5	71.43%	188		0	5	7	90.4 B		NA		88.5 B	
Thallium	MG/KG	2.9	28.57%	0.855	84	0	2	7	1.5 U		NA		1.9 B	
Vanadium	MG/KG	25.7	85.71%	150	7370	0	6	7	21.2		NA		24.2	
Zinc	MG/KG	110.0	85.71%	115		0	6	7	83.5 E		NA		87.2 E	

Table 17-7
120B - Metals in Soil vs PRG-REC
Non-Evaluated EBS Sites

SITE DESCRIPTION:	SEAD-120B	SEAD-120B	SEAD-120B	SEAD-120B
	Ovid Road	Ovid Road	Ovid Road	Ovid Road
	Small Arms Range	Small Arms Range	Small Arms Range	Small Arms Range
LOC ID	TP120B-2	TP120B-2	TP120B-3	TP120B-3
SAMP_ID	EB167	EB168	EB169	EB170
QC CODE	SA	SA	SA	SA
SAMP DETH TOP:	0.8	2	1	2.8
SAMP DEPTH BOT:	1	2.2	1.5	3
MATRIX	SOIL	SOIL	SOIL	SOIL
SAMP DATE:	3/31/98	3/31/98	3/31/98	3/31/98
PARAMETER	VALUE Q	VALUE Q	VALUE Q	VALUE Q
Aluminum	15300	13600	13400	13100
Antimony	1.4 BN	1.2 UN	1.2 BN	1.3 BN
Arsenic	5.1	4.0	3.2	2.7
Barium	134	115	112	106
Beryllium	0.51 B	0.53 B	0.54 B	0.56 B
Cadmium	0.07 U	0.07 U	0.07 U	0.07 U
Calcium	8020 *	27200 *	28500 *	36600 *
Chromium	21.9	20.2	19.6	19.3
Cobalt	12.2	11.6 B	9.6 B	8.6 B
Copper	136	212	33.0	32.1
Cyanide	0.62 U	0.65 U	0.62 U	0.63 U
Iron	27100	24500	23100	22500
Lead	522	166	82.6	72
Magnesium	5130 *	7280 *	10300 *	10200 *
Manganese	871	585	474	352
Mercury	0.06 U	0.06 U	0.05 U	0.06 U
Nickel	32.1	31.1	29.3	27.7
Potassium	2270	1670	1800	1700
Selenium	1.2 BN*	1.0 UN*	1.0 UN*	1.0 UN*
Silver	0.31 U	0.38 B	0.29 U	0.3 U
Sodium	92.5 B	72.2 B	58.5 U	69.6 B
Thallium	2.9	1.5 U	1.5 U	1.6 U
Vanadium	25.7	22.7	22.6	21.9
Zinc	105 E	110 E	83.9 E	79.9 E

SEAD-120D

MP Refueling Island in the Q

Table 19-1
 Sample Collection Information
 SEAD-120D - MP Refueling Island in the Q

12 Moderate EBS Non-Evaluated Sites
 Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	SB120D-1	EB258	3/17/98	0.0	0.3	SA	Location is at the southwestern end of the MP refueling island. The location was chosen because it is immediately downgradient of a former underground gasoline storage tank, based on info. provided by SEDA environmental staff.
SOIL	SB120D-1	EB026	3/17/98	0.0	0.3	DU	Location same as above.
SOIL	SB120D-1	EB259	3/17/98	6.8	7.2	SA	Location same as above. Sample collected at approximately mid-depth (near water table) in the boring because no VOCs or other indications of impacts were observed in the subsurface soil.
SURFACE SOIL	SS120D-1	EB260	3/17/98	0.0	0.2	SA	Location is in the northeastern portion of the refueling island. Sample chosen because it was an area of stressed vegetation.
SURFACE SOIL	SS120D-2	EB261	3/17/98	0.0	0.2	SA	Location is in the southwestern portion of the refueling island. Sample chosen because it was an area of stressed vegetation.
WATER	SB120D-1	EB024	3/17/98	0.0	0.0	RB	NA

Notes:

SA = Sample

DU = Duplicate

RB = Rinse Blank

Table 19-2
120D - Volatiles in Soil vs TAGM
Non-Valuated FBS Sites

2/17/99

SITE DESCRIPTION		SEAD-120D MP Refueling Island in the Q SB120D-1 EB258 SA 0 0.3 SOIL		SEAD-120D MP Refueling Island in the Q SB120D-1 EB026 DU 0 0.3 SOIL		SEAD-120D MP Refueling Island in the Q SB120D-1 EB259 SA 6.8 7.2 SOIL		SEAD-120D MP Refueling Island in the Q SS120D-1 EB260 SA 0 0.2 SOIL		SEAD-120D MP Refueling Island in the Q SS120D-2 EB261 SA 0 0.2 SOIL										
SAMP_ID	QC CODE	SAMP_DEPTH TOP	SAMP_DEPTH BOT	MATRIX	SAMP DATE	FREQUENCY OF	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG															
1,1,1-Trichloroethane	UG/KG	0.0	0.00%	800	36850962	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
1,1,2,2-Tetrachloroethane	UG/KG	0.0	0.00%	600	3439423	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
1,1,2-Trichloroethane	UG/KG	0.0	0.00%		1206815	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
1,1-Dichloroethane	UG/KG	0.0	0.00%	200	105288462	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
1,1-Dichloroethene	UG/KG	0.0	0.00%	400	114647	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
1,2-Dichloroethane	UG/KG	0.0	0.00%	100	755917	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
1,2-Dichloroethene (total)	UG/KG	0.0	0.00%			0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
1,2-Dichloropropane	UG/KG	0.0	0.00%		1011595	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Acetone	UG/KG	210.0	60.00%	200	105288462	1	3	5	210		17 B	160		13 U		11 U		11 U		11 U
Benzene	UG/KG	0.0	0.00%	60	2372016	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Bromodichloromethane	UG/KG	0.0	0.00%		1109491	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Bromoform	UG/KG	0.0	0.00%		8707400	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Carbon disulfide	UG/KG	0.0	0.00%	2700	105288462	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Carbon tetrachloride	UG/KG	0.0	0.00%	600	529142	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Chlorobenzene	UG/KG	0.0	0.00%	1700	21057692	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Chlorodibromomethane	UG/KG	0.0	0.00%		818910	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Chloroethane	UG/KG	0.0	0.00%	1900	421153846	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Chloroform	UG/KG	0.0	0.00%	300	10528846	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Cis-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Ethyl benzene	UG/KG	0.0	0.00%	5500	105288462	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Methyl bromide	UG/KG	0.0	0.00%		1505625	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Methyl butyl ketone	UG/KG	0.0	0.00%			0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Methyl chloride	UG/KG	0.0	0.00%		5291420	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Methyl ethyl ketone	UG/KG	0.0	0.00%	300		0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Methyl isobutyl ketone	UG/KG	0.0	0.00%	1000	84230769	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Methylene chloride	UG/KG	0.0	0.00%	100	9171795	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Styrene	UG/KG	0.0	0.00%			0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Tetrachloroethene	UG/KG	0.0	0.00%	1400	1322855	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Toluene	UG/KG	13.0	100.00%	1500	210576923	0	5	5	7 J			5 J		6 J		5 J		13		13
Total Xylenes	UG/KG	0.0	0.00%	1200	2105769231	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Trans-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Trichloroethene	UG/KG	0.0	0.00%	700	6253497	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U
Vinyl chloride	UG/KG	0.0	0.00%	200	36204	0	0	5	11 U			11 U		12 U		13 U		11 U		11 U

Table 19.3
120D - Volatiles in Soil vs PRG-REC
Non-Evaluated EBS Sites

SITE DESCRIPTION		SEAD-120D MP Refueling Island in the Q SB120D-1 EB258 SA 0 03 SOIL		SEAD-120D MP Refueling Island in the Q SB120D-1 EB026 DU 0 03 SOIL		SEAD-120D MP Refueling Island in the Q SB120D-1 EB259 SA 6.8 7.2 SOIL		SEAD-120D MP Refueling Island in the Q SS120D-1 EB260 SA 0 0.2 SOIL		SEAD-120D MP Refueling Island in the Q SS120D-2 EB261 SA 0 0.2 SOIL						
LOC ID SAMP_ID QC CODE SAMP_DEPTH TOP SAMP_DEPTH BOT MATRIX SAMP DATE		FREQUENCY OF		NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	17-Mar-98		17-Mar-98		17-Mar-98		17-Mar-98		17-Mar-98	
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG		VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	UG/KG	0.0	0.00%	800	36850962	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
1,1,2,2-Tetrachloroethane	UG/KG	0.0	0.00%	600	3439423	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
1,1,2-Trichloroethane	UG/KG	0.0	0.00%		1206815	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
1,1-Dichloroethane	UG/KG	0.0	0.00%	200	105288462	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
1,1-Dichloroethene	UG/KG	0.0	0.00%	400	114647	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
1,2-Dichloroethane	UG/KG	0.0	0.00%	100	755917	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
1,2-Dichloroethene (total)	UG/KG	0.0	0.00%			0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
1,2-Dichloropropane	UG/KG	0.0	0.00%		1011595	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Acetone	UG/KG	210.0	60.00%	200	105288462	0	3	5	210	17 B	160	13 U	11 U	11 U	11 U	11 U
Benzene	UG/KG	0.0	0.00%	60	2372016	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Bromodichloromethane	UG/KG	0.0	0.00%		1109491	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Bromoform	UG/KG	0.0	0.00%		8707400	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Carbon disulfide	UG/KG	0.0	0.00%	2700	105288462	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Carbon tetrachloride	UG/KG	0.0	0.00%	600	529142	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Chlorobenzene	UG/KG	0.0	0.00%	1700	21057692	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Chlorodibromomethane	UG/KG	0.0	0.00%		818910	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Chloroethane	UG/KG	0.0	0.00%	1900	421153846	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Chloroform	UG/KG	0.0	0.00%	300	10528846	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Cis-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Ethyl benzene	UG/KG	0.0	0.00%	5500	105288462	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Methyl bromide	UG/KG	0.0	0.00%		1505625	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Methyl butyl ketone	UG/KG	0.0	0.00%			0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Methyl chloride	UG/KG	0.0	0.00%		5291420	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Methyl ethyl ketone	UG/KG	0.0	0.00%	300		0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Methyl isobutyl ketone	UG/KG	0.0	0.00%	1000	84230769	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Methylene chloride	UG/KG	0.0	0.00%	100	9171795	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Styrene	UG/KG	0.0	0.00%			0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Tetrachloroethene	UG/KG	0.0	0.00%	1400	1322855	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Toluene	UG/KG	13.0	100.00%	1500	210576923	0	5	7 J	5	5 J	6 J	5 J	13	13	13	13
Total Xylenes	UG/KG	0.0	0.00%	1200	2105769231	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Trans-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Trichloroethene	UG/KG	0.0	0.00%	700	6253497	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Vinyl chloride	UG/KG	0.0	0.00%	200	36204	0	5	11 U	5	11 U	12 U	13 U	11 U	11 U	11 U	11 U

Table 19-3
1200 Semivolatiles and PHM Soil vs PRG-RI C
Non-Evaluated IHS Sites

SITE DESCRIPTION	SEAD 1200 MP Refueling Island in the Q SB1200-1 EB258 SA 0 0.3 SOIL	SEAD 1200 MP Refueling Island in the Q SB1200-1 EB026 DUJ 0 0.3 SOIL	SEAD 1200 MP Refueling Island in the Q SB1200-1 EB259 SA 6.8 7.2 SOIL	SEAD-1200 MP Refueling Island in the Q SS1200-1 EB2R0 SA 0.2 SOIL	SEAD-1200 MP Refueling Island in the Q SS1200-2 EB261 SA 0 0.2 SOIL												
LOC ID																	
SAMP_ID																	
QC CODE																	
SAMP DEPTH TOP																	
SAMP DEPTH BOT																	
MATRIX																	
SAMP DATE																	
PARAMETER	UNIT	MAXIMUM	DETECTION OF	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	
1,2,4-Trichlorobenzene	UG/KG	0.0	0.00%	3400	10528846	0	0	5	72 U		73 U		74 U		85 U		73 U
1,2-Dichlorobenzene	UG/KG	0.0	0.00%	7900	94759615	0	0	5	72 U		73 U		74 U		85 U		73 U
1,3-Dichlorobenzene	UG/KG	0.0	0.00%	1600	93706731	0	0	5	72 U		73 U		74 U		85 U		73 U
1,4-Dichlorobenzene	UG/KG	0.0	0.00%	8500	2866186	0	0	5	72 U		73 U		74 U		85 U		73 U
2,4,5-Trichlorophenol	UG/KG	0.0	0.00%	100	105288462	0	0	5	180 U		180 U		180 U		200 U		180 U
2,4,6-Trichlorophenol	UG/KG	0.0	0.00%		6253497	0	0	5	72 U		73 U		74 U		85 U		73 U
2,4-Dichlorophenol	UG/KG	0.0	0.00%	400	3158654	0	0	5	72 U		73 U		74 U		85 U		73 U
2,4-Dimethylphenol	UG/KG	0.0	0.00%		21057692	0	0	5	72 U		73 U		74 U		85 U		73 U
2,4-Dinitrophenol	UG/KG	0.0	0.00%	200	2105769	0	0	5	180 U		180 U		180 U		200 U		180 U
2,4-Dinitrotoluene	UG/KG	0.0	0.00%		2105769	0	0	5	72 U		73 U		74 U		85 U		73 U
2,6-Dinitrotoluene	UG/KG	0.0	0.00%	1000	1052885	0	0	5	72 U		73 U		74 U		85 U		73 U
2-Chloronaphthalene	UG/KG	0.0	0.00%			0	0	5	72 U		73 U		74 U		85 U		73 U
2-Chlorophenol	UG/KG	0.0	0.00%	800	5264423	0	0	5	72 U		73 U		74 U		85 U		73 U
2-Methylnaphthalene	UG/KG	6.1	40.00%	36400		0	2	5	72 U		4 J		74 U		85 U		6.1 J
2-Methylphenol	UG/KG	0.0	0.00%	100	52644231	0	0	5	72 U		73 U		74 U		85 U		73 U
2-Nitroaniline	UG/KG	0.0	0.00%	430	63173	0	0	5	180 U		180 U		180 U		200 U		180 U
2-Nitrophenol	UG/KG	0.0	0.00%	330		0	0	5	72 U		73 U		74 U		85 U		73 U
3,3-Dichlorobenzidine	UG/KG	0.0	0.00%		152863	0	0	5	72 U		73 U		74 U		85 U		73 U
3-Nitroaniline	UG/KG	0.0	0.00%	500	3158654	0	0	5	180 U		180 U		180 U		200 U		180 U
4,6-Dimetro-2-methylphenol	UG/KG	0.0	0.00%			0	0	5	180 U		180 U		180 U		200 U		180 U
4-Bromophenyl phenyl ether	UG/KG	0.0	0.00%		61067308	0	0	5	72 U		73 U		74 U		85 U		73 U
4-Chloro-3-methylphenol	UG/KG	0.0	0.00%	240		0	0	5	72 U		73 U		74 U		85 U		73 U
4-Chloroaniline	UG/KG	0.0	0.00%	220	4211538	0	0	5	72 U		73 U		74 U		85 U		73 U
4-Chlorophenyl phenyl ether	UG/KG	0.0	0.00%			0	0	5	72 U		73 U		74 U		85 U		73 U
4-Methylphenol	UG/KG	0.0	0.00%	900		0	0	5	72 U		73 U		74 U		85 U		73 U
4-Nitroaniline	UG/KG	0.0	0.00%		3158654	0	0	5	180 U		180 U		180 U		200 U		180 U
4-Nitrophenol	UG/KG	0.0	0.00%	100	63173077	0	0	5	180 U		180 U		180 U		200 U		180 U
Acenaphthene	UG/KG	8.6	40.00%	50000		0	2	5	72 U		73 U		74 U		5.4 J		8.6 J
Acenaphthylene	UG/KG	0.0	0.00%	41000		0	0	5	72 U		73 U		74 U		85 U		73 U
Anthracene	UG/KG	19.0	80.00%	50000	315865385	0	4	5	3.8 J		4.3 J		74 U		9 J		19 J
Benzo(a)anthracene	UG/KG	160.0	80.00%	224	94231	0	4	5	46 J		36 J		74 U		68 J		160
Benzo(a)pyrene	UG/KG	200.0	80.00%	61	9423	0	4	5	52 J		40 J		74 U		74 J		200
Benzo(b)fluoranthene	UG/KG	320.0	80.00%	1100	94231	0	4	5	52 J		47 J		74 U		96		320
Benzo(ghi)perylene	UG/KG	210.0	80.00%	50000		0	4	5	43 J		33 J		74 U		64 J		210
Benzo(k)fluoranthene	UG/KG	230.0	80.00%	1100	942308	0	4	5	67 J		55 J		74 U		85		230
Bis(2-Chloroethoxy)methane	UG/KG	0.0	0.00%			0	0	5	72 U		73 U		74 U		85 U		73 U
Bis(2-Chloroethyl)ether	UG/KG	0.0	0.00%		62535	0	0	5	72 U		73 U		74 U		85 U		73 U
Bis(2-Chloroisopropyl)ether	UG/KG	0.0	0.00%		982692	0	0	5	72 U		73 U		74 U		85 U		73 U
Bis(2-Ethylhexyl)phthalate	UG/KG	110.0	100.00%	50000	4913462	0	5	5	27 JB		19 JB		16 JB		9.2 JB		110 B
Butylbenzylphthalate	UG/KG	0.0	0.00%	50000	210576923	0	0	5	72 U		73 U		74 U		85 U		73 U
Carbazole	UG/KG	48.0	80.00%		3439423	0	4	5	5 J		5.7 J		74 U		12 J		48 J
Chrysene	UG/KG	270.0	80.00%	400	9423077	0	4	5	57 J		50 J		74 U		96		270
Di-n-butylphthalate	UG/KG	3.8	20.00%	8100		0	1	5	3.8 J		73 U		74 U		85 U		73 U
Di-n-octylphthalate	UG/KG	0.0	0.00%	50000	21057692	0	0	5	72 U		73 U		74 U		85 U		73 U
Dibenz(a,h)anthracene	UG/KG	92.0	80.00%	14	9423	0	4	5	22 J		17 J		74 U		21 J		92
Dibenzofuran	UG/KG	4.6	20.00%	6200	4211538	0	1	5	72 U		73 U		74 U		85 U		4.6 J
Diethyl phthalate	UG/KG	7.9	100.00%	7100	842307692	0	5	5	3.8 JB		5.3 JB		7.9 JB		7.8 JB		7.7 JB
Dimethylphthalate	UG/KG	0.0	0.00%	2000	10528846150	0	0	5	72 U		73 U		74 U		85 U		73 U
Fluoranthene	UG/KG	450.0	80.00%	50000	42115385	0	4	5	87		82		74 U		200		450
Fluorene	UG/KG	8.4	40.00%	50000	42115385	0	2	5	72 U		73 U		74 U		5.1 J		8.4 J
Hexachlorobenzene	UG/KG	0.0	0.00%	410	42993	0	0	5	72 U		73 U		74 U		85 U		73 U
Hexachlorobutadiene	UG/KG	0.0	0.00%		210577	0	0	5	72 U		73 U		74 U		85 U		73 U
Hexachlorocyclopentadiene	UG/KG	0.0	0.00%		7370192	0	0	5	72 U		73 U		74 U		85 U		73 U
Hexachloroethane	UG/KG	0.0	0.00%		1052885	0	0	5	72 U		73 U		74 U		85 U		73 U
Indeno(1,2,3-cd)pyrene	UG/KG	180.0	80.00%	3200	94231	0	4	5	44 J		32 J		74 U		61 J		180
Isophorone	UG/KG	0.0	0.00%	4400		0	0	5	72 U		73 U		74 U		85 U		73 U
N-Nitrosodiphenylamine	UG/KG	0.0	0.00%		14038462	0	0	5	72 U		73 U		74 U		85 U		73 U
N-Nitrosodipropylamine	UG/KG	0.0	0.00%		9827	0	0	5	72 U		73 U		74 U		85 U		73 U
Naphthalene	UG/KG	4.9	20.00%	13000	42115385	0	1	5	72 U		73 U		74 U		85 U		4.9 J
Nitrobenzene	UG/KG	0.0	0.00%	200	526442	0	0	5	72 U		73 U		74 U		85 U		73 U
Pentachlorophenol	UG/KG	0.0	0.00%	1000	573237	0	0	5	180 U		180 U		180 U		200 U		180 U
Phenanthrene	UG/KG	180.0	80.00%	50000		0	4	5	22 J		26 J		74 U		96		180
Phenol	UG/KG	0.0	0.00%	30	631730769	0	0	5	72 U		73 U		74 U		85 U		73 U
Pyrene	UG/KG	720.0	100.00%	50000	31586538	0	5	5	70 J		66 J		4 J		180		720 E
TPH	MG/KG	181.0	80.00%			0	4	5	118		141		18.4 U		43.6		181

SEAD-120E

Near Building 2131, Possible DDT Disposal

Table 20-1

Sample Collection Information
SEAD-120E - Near Building 2131, Possible DDT Disposal

12 Moderate EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	SB120E-1	EB262	3/17/98	0.0	0.2	SA	Location is approximately 50 northeast of Building 2131; adjacent to a magnetic anomaly.
SOIL	SB120E-1	EB027	3/17/98	0.0	0.2	DU	Location is approximately 50 northeast of Building 2131; adjacent to a magnetic anomaly.
SOIL	SB120E-1	EB266	3/17/98	2.3	2.6	SA	Location is same as above. Sample collected at this interval in the boring because of stained soil and wire debris.
SEDIMENT	SD120E-1	EB263	3/17/98	0.0	0.2	SA	Location is in drainage ditch immediately downgradient of the magnetic anomaly.
SEDIMENT	SD120E-2	EB264	3/17/98	0.0	0.2	SA	Location is in drainage ditch approximately 100 feet downgradient of the magnetic anomaly.
SEDIMENT	SD120E-3	EB265	3/17/98	0.0	0.2	SA	Location is in drainage ditch approximately 200 feet downgradient of the magnetic anomaly; at intersection with Kendaia Creek.
WATER	SB120E-1	EB025	3/17/98	0.0	0.0	RB	NA

Notes:

SA = Sample

DU = Duplicate

RB = Rinse Blank

NA = Not Applicable

Table 20-2
120E Pesticides in Soil vs TAGM
Non-Evaluated EBS Sites

2/17/99

SITE:
DESCRIPTION:

SEAD-120E
Near Bldg 2131,
Possible DDT
Disposal
SB120E-1
EB262
SA
0
0.2
SOIL

SEAD-120E
Near Bldg 2131,
Possible DDT
Disposal
SB120E-1
EB027
DU
0
0.3
SOIL

SEAD-120E
Near Bldg 2131,
Possible DDT
Disposal
SB120E-1
EB266
SA
2.3
2.6
SOIL

LOC ID:
SAMPLE ID:
QA/QC CODE:
SAMPLE TOP:
SAMPLE BOT:
MATRIX:
SAMPLE DATE:

PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	17-Mar-98	17-Mar-98	17-Mar-98
									VALUE Q	VALUE Q	VALUE Q
4,4'-DDD	UG/KG	0.0	0.00%	2900	286619	0	0	3	4.6 U	4.6 U	3.7 U
4,4'-DDE	UG/KG	0.0	0.00%	2100	202319	0	0	3	4.6 U	4.6 U	3.7 U
4,4'-DDT	UG/KG	3.0	50.00%	2100	202319	0	1	2	3 JP	4.6 U	3.7 U
Aldrin	UG/KG	0.0	0.00%	41	4046	0	0	3	2.3 U	2.3 U	1.9 U
Alpha-BHC	UG/KG	0.0	0.00%	110		0	0	3	2.3 U	2.3 U	1.9 U
Alpha-Chlordane	UG/KG	1.3	50.00%			0	1	2	1.3 JP	2.3 U	1.9 U
Beta-BHC	UG/KG	0.0	0.00%	200		0	0	3	2.3 U	2.3 U	1.9 U
Delta-BHC	UG/KG	0.0	0.00%	300		0	0	3	2.3 U	2.3 U	1.9 U
Dieldrin	UG/KG	0.0	0.00%	44	4299	0	0	3	4.6 U	4.6 U	3.7 U
Endosulfan I	UG/KG	0.0	0.00%	900	6317308	0	0	3	2.3 U	2.3 U	1.9 U
Endosulfan II	UG/KG	2.6	33.33%	900	6317308	0	1	3	2.6 J	4.6 U	3.7 U
Endosulfan sulfate	UG/KG	0.0	0.00%	1000		0	0	3	4.6 U	4.6 U	3.7 U
Endrin	UG/KG	0.0	0.00%	100	315865	0	0	3	4.6 U	4.6 U	3.7 U
Endrin aldehyde	UG/KG	0.0	0.00%		315865	0	0	3	4.6 U	4.6 U	3.7 U
Endrin ketone	UG/KG	0.0	0.00%		315865	0	0	3	4.6 U	4.6 U	3.7 U
Gamma-BHC/Lindane	UG/KG	0.0	0.00%	60	52914	0	0	3	2.3 U	2.3 U	1.9 U
Gamma-Chlordane	UG/KG	0.0	0.00%	540		0	0	3	2.3 U	2.3 U	1.9 U
Heptachlor	UG/KG	0.0	0.00%	100	15286	0	0	3	2.3 U	2.3 U	1.9 U
Heptachlor epoxide	UG/KG	2.1	50.00%	20	7559	0	1	2	2.1 JP	2.3 U	1.9 U
Methoxychlor	UG/KG	0.0	0.00%		5264423	0	0	3	23 U	23 U	19 U
Toxaphene	UG/KG	0.0	0.00%			0	0	3	230 U	230 U	190 U

Table 20-3
120E Pesticides in Soil vs PRG-REC
Non-Evaluated EBS Sites

2/17/99

SITE:
DESCRIPTION:

SEAD-120E
Near Bldg 2131,
Possible DDT
Disposal

SEAD-120E
Near Bldg 2131,
Possible DDT
Disposal

SEAD-120E
Near Bldg 2131,
Possible DDT
Disposal

LOC ID:
SAMPLE ID:
QA/QC CODE:
SAMPLE TOP:
SAMPLE BOT:
MATRIX:
SAMPLE DATE:

SB120E-1
EB262
SA
0
0.2
SOIL
17-Mar-98

SB120E-1
EB027
DU
0
0.3
SOIL
17-Mar-98

SB120E-1
EB266
SA
2.3
2.6
SOIL
17-Mar-98

PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE Q	VALUE Q	VALUE Q
4,4 -DDD	UG/KG	0.0	0.00%	2900	286619	0	0	3	4.6 U	4.6 U	3.7 U
4,4 -DDE	UG/KG	0.0	0.00%	2100	202319	0	0	3	4.6 U	4.6 U	3.7 U
4,4 -DDT	UG/KG	3.0	50.00%	2100	202319	0	1	2	3 JP	4.6 U	3.7 U
Aldrin	UG/KG	0.0	0.00%	41	4046	0	0	3	2.3 U	2.3 U	1.9 U
Alpha-BHC	UG/KG	0.0	0.00%	110		0	0	3	2.3 U	2.3 U	1.9 U
Alpha-Chlordane	UG/KG	1.3	50.00%			0	1	2	1.3 JP	2.3 U	1.9 U
Beta-BHC	UG/KG	0.0	0.00%	200		0	0	3	2.3 U	2.3 U	1.9 U
Delta-BHC	UG/KG	0.0	0.00%	300		0	0	3	2.3 U	2.3 U	1.9 U
Dieldrin	UG/KG	0.0	0.00%	44	4299	0	0	3	4.6 U	4.6 U	3.7 U
Endosulfan I	UG/KG	0.0	0.00%	900	6317308	0	0	3	2.3 U	2.3 U	1.9 U
Endosulfan II	UG/KG	2.6	33.33%	900	6317308	0	1	3	2.6 J	4.6 U	3.7 U
Endosulfan sulfate	UG/KG	0.0	0.00%	1000		0	0	3	4.6 U	4.6 U	3.7 U
Endrin	UG/KG	0.0	0.00%	100	315865	0	0	3	4.6 U	4.6 U	3.7 U
Endrin aldehyde	UG/KG	0.0	0.00%		315865	0	0	3	4.6 U	4.6 U	3.7 U
Endrin ketone	UG/KG	0.0	0.00%		315865	0	0	3	4.6 U	4.6 U	3.7 U
Gamma-BHC/Lindan	UG/KG	0.0	0.00%	60	52914	0	0	3	2.3 U	2.3 U	1.9 U
Gamma-Chlordane	UG/KG	0.0	0.00%	540		0	0	3	2.3 U	2.3 U	1.9 U
Heptachlor	UG/KG	0.0	0.00%	100	15286	0	0	3	2.3 U	2.3 U	1.9 U
Heptachlor epoxide	UG/KG	2.1	50.00%	20	7559	0	1	2	2.1 JP	2.3 U	1.9 U
Methoxychlor	UG/KG	0.0	0.00%		5264423	0	0	3	2.3 U	2.3 U	1.9 U
Toxaphene	UG/KG	0.0	0.00%			0	0	3	230 U	230 U	190 U

Table 20-4
Pesticides in Sediment vs NYS Criteria
Non-Evaluated EBS Sites

2/18/99

SITE DESCRIPTION				SEAD-120E			SEAD-120E			SEAD-120E		
				Near Building 2131, Possible DDT Disposal			Near Building 2131, Possible DDT Disposal			Near Building 2131, Possible DDT Disposal		
LOC ID				SD120E-1			SD120E-2			SD120E-3		
SAMP_ID				EB263			EB264			EB265		
QC CODE				SA			SA			SA		
SAMP_DEPTH TOP				0			0			0		
SAMP_DEPTH BOT				0.2			0.2			0.2		
MATRIX				SEDIMENT			SEDIMENT			SEDIMENT		
SAMP_DATE				17-Mar-98			17-Mar-98			17-Mar-98		
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	CRITERIA TYPE	LEVEL	NUMBER ABOVE CRITERIA LEVEL	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE Q	VALUE Q
4,4 -DDD	UG/KG	5.1	33.33%	NYS HUMAN HEALTH BIOACCUMULATION CRITERIA	10	0	1	3	4.8 U		6.5 U	5.1 JP
4,4 -DDE	UG/KG	7.9	50.00%	NYS HUMAN HEALTH BIOACCUMULATION CRITERIA	10	0	1	2	4.8 U		6.5 U	7.9 P
4,4 -DDT	UG/KG	6.3	100.00%	NYS HUMAN HEALTH BIOACCUMULATION CRITERIA	10	0	3	3	4.3 JP		4.5 JP	6.3 J
Aldrin	UG/KG	0.0	0.00%	NYS HUMAN HEALTH BIOACCUMULATION CRITERIA	100	0	0	3	2.4 U		3.3 U	3.7 U
Alpha-BHC	UG/KG	0.0	0.00%			0	0	3	2.4 U		3.3 U	3.7 U
Alpha-Chlordane	UG/KG	0.0	0.00%			0	0	3	2.4 U		3.3 U	3.7 U
Beta-BHC	UG/KG	0.0	0.00%			0	0	3	2.4 U		3.3 U	3.7 U
Delta-BHC	UG/KG	0.0	0.00%			0	0	3	2.4 U		3.3 U	3.7 U
Dielsin	UG/KG	0.0	0.00%	NYS HUMAN HEALTH BIOACCUMULATION CRITERIA	100	0	0	3	4.8 U		6.5 U	7.4 U
Endosulfan I	UG/KG	0.0	0.00%	NYS BENTHIC AQUATIC LIFE CHRONIC TOXICITY CRITERIA	30	0	0	3	2.4 U		3.3 U	3.7 U
Endosulfan II	UG/KG	0.0	0.00%	NYS BENTHIC AQUATIC LIFE CHRONIC TOXICITY CRITERIA	30	0	0	3	4.8 U		6.5 U	7.4 U
Endosulfan sulfate	UG/KG	0.0	0.00%			0	0	3	4.8 U		6.5 U	7.4 U
Endrin	UG/KG	0.0	0.00%	NYS HUMAN HEALTH BIOACCUMULATION CRITERIA	800	0	0	3	4.8 U		6.5 U	7.4 U
Endrin aldehyde	UG/KG	0.0	0.00%			0	0	3	4.8 U		6.5 U	7.4 U
Endrin ketone	UG/KG	0.0	0.00%			0	0	3	4.8 U		6.5 U	7.4 U
Gamma-BHC/Lindane	UG/KG	0.0	0.00%			0	0	3	2.4 U		3.3 U	3.7 U
Gamma-Chlordane	UG/KG	0.0	0.00%			0	0	3	2.4 U		3.3 U	3.7 U
Heptachlor	UG/KG	0.0	0.00%	NYS HUMAN HEALTH BIOACCUMULATION CRITERIA	8	0	0	3	2.4 U		3.3 U	3.7 U
Heptachlor epoxide	UG/KG	0.0	0.00%	NYS HUMAN HEALTH BIOACCUMULATION CRITERIA	8	0	0	3	2.4 U		3.3 U	3.7 U
Methoxychlor	UG/KG	0.0	0.00%			0	0	3	2.4 U		3.3 U	3.7 U
Toxaphene	UG/KG	0.0	0.00%			0	0	3	240. U		330. U	370. U

SEAD-120G

Mounds at the Duck Pond

Table 22-1
 Sample Collection Information
 SEAD-120G - Mounds at the Duck Ponds
 12 Moderate EBS Non-Evaluated Sites
 Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	TP120G-1	EB112	3/5/98	0.5	0.5	SA	Location is at north end of Duck Ponds Area, location chosen because it was where a depression within a 3-foot high mound, which was on top of a larger 4-foot high mound, was located; the mounds were covered with brush and trees
SOIL	TP120G-1	EB113	3/5/98	2.0	2.0	SA	Location is the same as above, sample was taken at approximately mid-depth in the pit because no VOC hits or visual impacts were noted in the soil
SOIL	TP120G-2	EB114	3/6/98	1.5	1.5	SA	Location is at north end of Duck Ponds Area, location was chosen because it is where a 100-foot long and 65 feet wide east-west trending mound is located. The trench was located on the north side of the mound, the only area that had surface debris
SOIL	TP120G-2	EB115	3/6/98	3.0	3.0	SA	Location is the same as above, sample was taken at approximately mid-depth in the pit because no VOC hits or visual impacts were noted in the soil
SOIL	TP120G-3	EB135	3/9/98	1.0	1.0	SA	Location is a grassy area in east-central area of Duck Ponds Area, location was chosen because it is where uneven, lumpy ground was noted, it was a location that was suspected to be a previous excavation.
SOIL	TP120G-3	EB136	3/9/98	2.0	2.0	SA	Location is the same as above, sample was taken at approximately mid-depth in the pit because no VOC hits or visual impacts were noted in the soil
SOIL	TP120G-4	EB118	3/6/98	1.5	1.5	SA	Location is a mound in southeastern portion of Duck Ponds Area, location was chosen because it is the location of a 200-foot long and 100-foot wide mound, the excavation was on the east side of the mound near the road

Table 22-1
 Sample Collection Information
 SEAD-120G - Mounds at the Duck Ponds
 12 Moderate EBS Non-Evaluated Sites
 Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	TP120G-4	EB119	3/6/98	3.5	3.5	SA	Location is the same as above, sample was taken at approximately mid-depth in the pit because no VOC hits or visual impacts were noted in the soil
SOIL	TP120G-5	EB120	3/6/98	1.0	1.0	SA	Location is a mound in southern portion of Duck Ponds Area, location was chosen because it is where a 50-foot long, 35-foot wide, and 3-foot high area of disturbed ground with surface debris (metal strapping) was located
SOIL	TP120G-5	EB121	3/6/98	2.0	2.0	SA	Location is the same as above, sample was taken at approximately mid-depth in the pit because no VOC hits or visual impacts were noted in the soil

Notes

SA Sample

Table 22-2
120G - Volatiles in Soil vs TAGMs
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION		SEAD-120G MOUNDS AT THE DUCK POND		SEAD-120G MOUNDS AT THE DUCK POND		SEAD-120G MOUNDS AT THE DUCK POND		SEAD-120G MOUNDS AT THE DUCK POND								
LOC ID		TP120G-1		TP120G-1		TP120G-2		TP120G-2								
SAMP ID		EB112		EB113		EB114		EB115								
QC CODE		SA		SA		SA		SA								
SAMP DETH TOP		0.5		2		1.5		3								
SAMP DEPTH BOT		0.5		2		1.5		3								
MATRIX		SOIL		SOIL		SOIL		SOIL								
SAMP DATE		5-Mar-98		5-Mar-98		6-Mar-98		6-Mar-98								
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	UG/KG	0.0	0.00%	800	36850962	0	0	10	12 U		12 U		12 U		12 U	13
1,1,2,2-Tetrachloroethane	UG/KG	0.0	0.00%	600	3439423	0	0	10	12 U		12 U		12 U		12 U	13
1,1,2-Trichloroethane	UG/KG	0.0	0.00%		1206815	0	0	10	12 U		12 U		12 U		12 U	13
1,1-Dichloroethane	UG/KG	0.0	0.00%	200	105288462	0	0	10	12 U		12 U		12 U		12 U	13
1,1-Dichloroethene	UG/KG	0.0	0.00%	400	114647	0	0	10	12 U		12 U		12 U		12 U	13
1,2-Dichloroethane	UG/KG	0.0	0.00%	100	755917	0	0	10	12 U		12 U		12 U		12 U	13
1,2-Dichloroethene (total)	UG/KG	0.0	0.00%			0	0	10	12 U		12 U		12 U		12 U	13
1,2-Dichloropropane	UG/KG	0.0	0.00%		1011595	0	0	10	12 U		12 U		12 U		12 U	13
Acetone	UG/KG	20.0	60.00%	200	105288462	0	6	10	12 U		11 J		17			20
Benzene	UG/KG	0.0	0.00%	60	2372016	0	0	10	12 U		12 U		12 U		12 U	13
Bromodichloromethane	UG/KG	0.0	0.00%		1109491	0	0	10	12 U		12 U		12 U		12 U	13
Bromoform	UG/KG	0.0	0.00%		8707400	0	0	10	12 U		12 U		12 U		12 U	13
Carbon disulfide	UG/KG	0.0	0.00%	2700	105288462	0	0	10	12 U		12 U		12 U		12 U	13
Carbon tetrachloride	UG/KG	0.0	0.00%	600	529142	0	0	10	12 U		12 U		12 U		12 U	13
Chlorobenzene	UG/KG	0.0	0.00%	1700	21057692	0	0	10	12 U		12 U		12 U		12 U	13
Chlorodibromomethane	UG/KG	0.0	0.00%		818910	0	0	10	12 U		12 U		12 U		12 U	13
Chloroethane	UG/KG	0.0	0.00%	1900	421153846	0	0	10	12 U		12 U		12 U		12 U	13
Chloroform	UG/KG	0.0	0.00%	300	10528846	0	0	10	12 U		12 U		12 U		12 U	13
Cis-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	10	12 U		12 U		12 U		12 U	13
Ethyl benzene	UG/KG	0.0	0.00%	5500	105288462	0	0	10	12 U		12 U		12 U		12 U	13
Methyl bromide	UG/KG	0.0	0.00%		1505625	0	0	10	12 U		12 U		12 U		12 U	13
Methyl butyl ketone	UG/KG	0.0	0.00%			0	0	10	12 U		12 U		12 U		12 U	13
Methyl chloride	UG/KG	0.0	0.00%		5291420	0	0	10	12 U		12 U		12 U		12 U	13
Methyl ethyl ketone	UG/KG	0.0	0.00%	300		0	0	10	12 U		12 U		12 U		12 U	13
Methyl isobutyl ketone	UG/KG	0.0	0.00%	1000	84230769	0	0	10	12 U		12 U		12 U		12 U	13
Methylene chloride	UG/KG	0.0	0.00%	100	9171795	0	0	10	12 U		12 U		12 U		12 U	13
Styrene	UG/KG	0.0	0.00%			0	0	10	12 U		12 U		12 U		12 U	13
Tetrachloroethene	UG/KG	0.0	0.00%	1400	1322855	0	0	10	12 U		12 U		12 U		12 U	13
Toluene	UG/KG	7.0	50.00%	1500	210576923	0	5	10	12 U		12 U		12 U		12 U	13
Total Xylenes	UG/KG	0.0	0.00%	1200	2105769231	0	0	10	12 U		12 U		12 U		12 U	13
Trans-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	10	12 U		12 U		12 U		12 U	13
Trichloroethene	UG/KG	0.0	0.00%	700	6253497	0	0	10	12 U		12 U		12 U		12 U	13
Vinyl chloride	UG/KG	0.0	0.00%	200	36204	0	0	10	12 U		12 U		12 U		12 U	13

Table 22-2
120G - Volatiles in Soil vs TAGMs
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND							
LOC ID	TP120G-3	TP120G-3	TP120G-4	TP120G-4	TP120G-5	TP120G-5							
SAMP ID	EB135	EB136	EB118	EB119	EB120	EB121							
QC CODE	SA	SA	SA	SA	SA	SA							
SAMP DEPTH TOP	1	2	1.5	3.5	1	2							
SAMP DEPTH BOT	1	2	1.5	3.5	1	2							
MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL							
SAMP DATE	9-Mar-98	9-Mar-98	6-Mar-98	6-Mar-98	6-Mar-98	6-Mar-98							
PARAMETER	Q	VALUE	Q	VALUE	Q	VALUE	Q						
1,1,1-Trichloroethane	U	13	U	13	U	12	U	11	U	14	U	14	U
1,1,2,2-Tetrachloroethane	U	13	U	13	U	12	U	11	U	14	U	14	U
1,1,2-Trichloroethane	U	13	U	13	U	12	U	11	U	14	U	14	U
1,1-Dichloroethane	U	13	U	13	U	12	U	11	U	14	U	14	U
1,1-Dichloroethene	U	13	U	13	U	12	U	11	U	14	U	14	U
1,2-Dichloroethane	U	13	U	13	U	12	U	11	U	14	U	14	U
1,2-Dichloroethene (total)	U	13	U	13	U	12	U	11	U	14	U	14	U
1,2-Dichloropropane	U	13	U	13	U	12	U	11	U	14	U	14	U
Acetone	U	13	U	9	J	7	J	10	J	14	U	14	U
Benzene	U	13	U	13	U	12	U	11	U	14	U	14	U
Bromodichloromethane	U	13	U	13	U	12	U	11	U	14	U	14	U
Bromoform	U	13	U	13	U	12	U	11	U	14	U	14	U
Carbon disulfide	U	13	U	13	U	12	U	11	U	14	U	14	U
Carbon tetrachloride	U	13	U	13	U	12	U	11	U	14	U	14	U
Chlorobenzene	U	13	U	13	U	12	U	11	U	14	U	14	U
Chlorodibromomethane	U	13	U	13	U	12	U	11	U	14	U	14	U
Chloroethane	U	13	U	13	U	12	U	11	U	14	U	14	U
Chloroform	U	13	U	13	U	12	U	11	U	14	U	14	U
Cis-1,3-Dichloropropene	U	13	U	13	U	12	U	11	U	14	U	14	U
Ethyl benzene	U	13	U	13	U	12	U	11	U	14	U	14	U
Methyl bromide	U	13	U	13	U	12	U	11	U	14	U	14	U
Methyl butyl ketone	U	13	U	13	U	12	U	11	U	14	U	14	U
Methyl chloride	U	13	U	13	U	12	U	11	U	14	U	14	U
Methyl ethyl ketone	U	13	U	13	U	12	U	11	U	14	U	14	U
Methyl isobutyl ketone	U	13	U	13	U	12	U	11	U	14	U	14	U
Methylene chloride	U	13	U	13	U	12	U	11	U	14	U	14	U
Styrene	U	13	U	13	U	12	U	11	U	14	U	14	U
Tetrachloroethene	U	13	U	13	U	12	U	11	U	14	U	14	U
Toluene	U	13	U	7	J	4	J	2	J	5	J	3	J
Total Xylenes	U	13	U	13	U	12	U	11	U	14	U	14	U
Trans-1,3-Dichloropropene	U	13	U	13	U	12	U	11	U	14	U	14	U
Trichloroethene	U	13	U	13	U	12	U	11	U	14	U	14	U
Vinyl chloride	U	13	U	13	U	12	U	11	U	14	U	14	U

Table 22-3
120G - Volatiles in Soil vs PRG-REC
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION		SEAD-120G MOUNDS AT THE DUCK POND TP120G-1 EB112 SA		SEAD-120G MOUNDS AT THE DUCK POND TP120G-1 EB113 SA		SEAD-120G MOUNDS AT THE DUCK POND TP120G-2 EB114 SA		SEAD-120G MOUNDS AT THE DUCK POND TP120G-2 EB115 SA						
LOC ID	SAMP ID													
QC CODE	SAMP DETH TOP													
SAMP DEPTH BOT	MATRIX													
SAMP DATE														
		FREQUENCY OF		NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG									
1,1,1-Trichloroethane	UG/KG	0.0	0.00%	800	36850962	0	0	10	12 U					13
1,1,2,2-Tetrachloroethane	UG/KG	0.0	0.00%	600	3439423	0	0	10	12 U					13
1,1,2-Trichloroethane	UG/KG	0.0	0.00%		1206815	0	0	10	12 U					13
1,1-Dichloroethane	UG/KG	0.0	0.00%	200	105288462	0	0	10	12 U					13
1,1-Dichloroethene	UG/KG	0.0	0.00%	400	114647	0	0	10	12 U					13
1,2-Dichloroethane	UG/KG	0.0	0.00%	100	755917	0	0	10	12 U					13
1,2-Dichloroethene (total)	UG/KG	0.0	0.00%			0	0	10	12 U					13
1,2-Dichloropropane	UG/KG	0.0	0.00%		1011595	0	0	10	12 U					13
Acetone	UG/KG	20.0	60.00%	200	105288462	0	6	10	12 U		11 J			20
Benzene	UG/KG	0.0	0.00%	60	2372016	0	0	10	12 U					13
Bromodichloromethane	UG/KG	0.0	0.00%		1109491	0	0	10	12 U					13
Bromoform	UG/KG	0.0	0.00%		8707400	0	0	10	12 U					13
Carbon disulfide	UG/KG	0.0	0.00%	2700	105288462	0	0	10	12 U					13
Carbon tetrachloride	UG/KG	0.0	0.00%	600	529142	0	0	10	12 U					13
Chlorobenzene	UG/KG	0.0	0.00%	1700	21057692	0	0	10	12 U					13
Chlorodibromomethane	UG/KG	0.0	0.00%		818910	0	0	10	12 U					13
Chloroethane	UG/KG	0.0	0.00%	1900	421153846	0	0	10	12 U					13
Chloroform	UG/KG	0.0	0.00%	300	10528846	0	0	10	12 U					13
Cis-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	10	12 U					13
Ethyl benzene	UG/KG	0.0	0.00%	5500	105288462	0	0	10	12 U					13
Methyl bromide	UG/KG	0.0	0.00%		1505625	0	0	10	12 U					13
Methyl butyl ketone	UG/KG	0.0	0.00%			0	0	10	12 U					13
Methyl chloride	UG/KG	0.0	0.00%		5291420	0	0	10	12 U					13
Methyl ethyl ketone	UG/KG	0.0	0.00%	300		0	0	10	12 U					13
Methyl isobutyl ketone	UG/KG	0.0	0.00%	1000	84230769	0	0	10	12 U					13
Methylene chloride	UG/KG	0.0	0.00%	100	9171795	0	0	10	12 U					13
Styrene	UG/KG	0.0	0.00%			0	0	10	12 U					13
Tetrachloroethene	UG/KG	0.0	0.00%	1400	1322855	0	0	10	12 U					13
Toluene	UG/KG	7.0	50.00%	1500	210576923	0	5	10	12 U					13
Total Xylenes	UG/KG	0.0	0.00%	1200	2105769231	0	0	10	12 U					13
Trans-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	10	12 U					13
Trichloroethene	UG/KG	0.0	0.00%	700	6253497	0	0	10	12 U					13
Vinyl chloride	UG/KG	0.0	0.00%	200	36204	0	0	10	12 U					13

Table 22-3
120G - Volatiles in Soil vs PRG-REC
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND							
LOC ID	TP120G-3	TP120G-3	TP120G-4	TP120G-4	TP120G-5	TP120G-5							
SAMP ID	EB135	EB136	EB118	EB119	EB120	EB121							
QC CODE	SA	SA	SA	SA	SA	SA							
SAMP DEPTH TOP	1	2	1.5	3.5	1	2							
SAMP DEPTH BOT	1	2	1.5	3.5	1	2							
MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL							
SAMP DATE	9-Mar-98	9-Mar-98	6-Mar-98	6-Mar-98	6-Mar-98	6-Mar-98							
PARAMETER	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q				
1,1,1-Trichloroethane	U	13	U	13	U	12	U	11	U	14	U		
1,1,2,2-Tetrachloroethane	U	13	U	13	U	12	U	11	U	14	U		
1,1,2-Trichloroethane	U	13	U	13	U	12	U	11	U	14	U		
1,1-Dichloroethane	U	13	U	13	U	12	U	11	U	14	U		
1,1-Dichloroethene	U	13	U	13	U	12	U	11	U	14	U		
1,2-Dichloroethane	U	13	U	13	U	12	U	11	U	14	U		
1,2-Dichloroethene (total)	U	13	U	13	U	12	U	11	U	14	U		
1,2-Dichloropropane	U	13	U	13	U	12	U	11	U	14	U		
Acetone	U	13	J	9	J	7	J	10	J	14	U		
Benzene	U	13	U	13	U	12	U	11	U	14	U		
Bromodichloromethane	U	13	U	13	U	12	U	11	U	14	U		
Bromoform	U	13	U	13	U	12	U	11	U	14	U		
Carbon disulfide	U	13	U	13	U	12	U	11	U	14	U		
Carbon tetrachloride	U	13	U	13	U	12	U	11	U	14	U		
Chlorobenzene	U	13	U	13	U	12	U	11	U	14	U		
Chlorodibromomethane	U	13	U	13	U	12	U	11	U	14	U		
Chloroethane	U	13	U	13	U	12	U	11	U	14	U		
Chloroform	U	13	U	13	U	12	U	11	U	14	U		
Cis-1,3-Dichloropropene	U	13	U	13	U	12	U	11	U	14	U		
Ethyl benzene	U	13	U	13	U	12	U	11	U	14	U		
Methyl bromide	U	13	U	13	U	12	U	11	U	14	U		
Methyl butyl ketone	U	13	U	13	U	12	U	11	U	14	U		
Methyl chloride	U	13	U	13	U	12	U	11	U	14	U		
Methyl ethyl ketone	U	13	U	13	U	12	U	11	U	14	U		
Methyl isobutyl ketone	U	13	U	13	U	12	U	11	U	14	U		
Methylene chloride	U	13	U	13	U	12	U	11	U	14	U		
Styrene	U	13	U	13	U	12	U	11	U	14	U		
Tetrachloroethene	U	13	U	13	U	12	U	11	U	14	U		
Toluene	U	13	U	7	J	4	J	2	J	5	J	3	J
Total Xylenes	U	13	U	13	U	12	U	11	U	14	U	14	U
Trans-1,3-Dichloropropene	U	13	U	13	U	12	U	11	U	14	U	14	U
Trichloroethene	U	13	U	13	U	12	U	11	U	14	U	14	U
Vinyl chloride	U	13	U	13	U	12	U	11	U	14	U	14	U

SITE (4) SITE ID	SEAD-1000 MOUNTS AT THE DUCK POND		SEAD-1000 MOUNTS AT THE DUCK POND		SEAD-1000 MOUNTS AT THE DUCK POND		SEAD-1000 MOUNTS AT THE DUCK POND		SEAD-1000 MOUNTS AT THE DUCK POND		SEAD-1000 MOUNTS AT THE DUCK POND		SEAD-1000 MOUNTS AT THE DUCK POND		SEAD-1000 MOUNTS AT THE DUCK POND			
	TP1200.1 EB117 SA	TP1200.1 EB117 SA	TP1200.2 EB117 SA	TP1200.2 EB117 SA	TP1200.2 EB117 SA	TP1200.2 EB117 SA	TP1200.3 EB117 SA	TP1200.3 EB117 SA	TP1200.3 EB117 SA	TP1200.3 EB117 SA	TP1200.4 EB117 SA	TP1200.4 EB117 SA	TP1200.4 EB117 SA	TP1200.4 EB117 SA	TP1200.5 EB117 SA	TP1200.5 EB117 SA	TP1200.5 EB117 SA	
SAMPLE DATE	0/5		2		1.5		3		1		2		1.5		3.5		2	
SAMPLE DATE	0/5		2		1.5		3		1		2		1.5		3.5		2	
MAXIMUM CONCENTRATION	0.5		2		1.5		3		1		2		1.5		3.5		2	
CONCENTRATION	0.5		2		1.5		3		1		2		1.5		3.5		2	
SAMPLE DATE	0/5		2		1.5		3		1		2		1.5		3.5		2	
CONCENTRATION	0.5		2		1.5		3		1		2		1.5		3.5		2	
CONCENTRATION	0.5		2		1.5		3		1		2		1.5		3.5		2	
CONCENTRATION	0.5		2		1.5		3		1		2		1.5		3.5		2	
CONCENTRATION	0.5		2		1.5		3		1		2		1.5		3.5		2	
CONCENTRATION	0.5		2		1.5		3		1		2		1.5		3.5		2	
CONCENTRATION	0.5		2		1.5		3		1		2		1.5		3.5		2	
CONCENTRATION	0.5		2		1.5		3		1		2		1.5		3.5		2	

Table 22-6
120G - Metals in Soil vs TAGMs
Non-Evaluated EBS Sites

2/17/99

SITE:
DESCRIPTION:

LOC ID
SAMP ID:
QC CODE:
SAMP DEPTH TOP:
SAMP DEPTH BOT:
MATRIX:
SAMP DATE:

SEAD-120G
MOUNDS AT
THE DUCK
POND

SEAD-120G
MOUNDS AT
THE DUCK
POND

SEAD-120G
MOUNDS AT
THE DUCK
POND

SEAD-120G
MOUNDS AT
THE DUCK
POND

TP120G-1
EB112
SA

TP120G-1
EB113
SA

TP120G-2
EB114
SA

TP120G-2
EB115
SA

0.5
0.5

2
2

1.5
1.5

3
3

SOIL
5-Mar-98

SOIL
5-Mar-98

SOIL
6-Mar-98

SOIL
6-Mar-98

PARAMETER	UNIT	FREQUENCY OF		TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SOIL 5-Mar-98		SOIL 5-Mar-98		SOIL 6-Mar-98		SOIL 6-Mar-98	
		MAXIMUM	DETECTION						VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Aluminum	MG/KG	20200	100.00%	19520	1053000	1	10	10	12600		14100		17800			
Antimony	MG/KG	1.5	150.00%	6	421	0	6	4	0.86 UN		0.88 BN		1.1 BN			1.4
Arsenic	MG/KG	10.3	100.00%	8.9	46	1	10	10	3.9		3.6		4.4			5.2
Barium	MG/KG	155	100.00%	300	73702	0	10	10	82.6		79.1		111			149
Beryllium	MG/KG	0.7	90.00%	1.13	16	0	9	10	0.4 B		0.41 B		0.07 B			0.54
Cadmium	MG/KG	0.09	400.00%	2.46	526	0	8	2	0.07 U*		0.05 U*		0.07 U*			0.08
Calcium	MG/KG	23700	100.00%	125300		0	10	10	10400		4010		1710			3290
Chromium	MG/KG	26.8	100.00%	30	1052885	0	10	10	15.1 *		15.5 *		20.2 *			24.2
Cobalt	MG/KG	13.9	100.00%	30	63173	0	10	10	8.6 B		8.2 B		12.8			10.6
Copper	MG/KG	27.3	100.00%	33	42115	0	10	10	18.3 *		13.5 *		14 *			19
Cyanide	MG/KG	0	0.00%	0.35		0	0	10	0.66 U		0.64 U		0.66 U			0.71
Iron	MG/KG	33200	100.00%	37410	315865	0	10	10	17800		16800		24600			31800
Lead	MG/KG	38	100.00%	24.4		3	10	10	17.5		12.1		15.4			18.3
Magnesium	MG/KG	7740	100.00%	21700		0	10	10	5260 *		3100 *		3530 *			3390
Manganese	MG/KG	2070	100.00%	1100	24216	3	10	10	508		420		1920			1570
Mercury	MG/KG	0.08	20.00%	0.1	316	0	2	10	0.06 U		0.06 U		0.06 U			0.06
Nickel	MG/KG	43.8	500.00%	50	21058	0	10	2	18.4 E*		16.2 E*		19.5 E*			19.8
Potassium	MG/KG	2120	100.00%	2623		0	10	10	1410		1150		1620			2070
Selenium	MG/KG	0	0.00%	2	5264	0	0	10	1.2 UN		0.8 UN		1.2 UN			1.2
Silver	MG/KG	0	0.00%	0.8	5264	0	0	10	0.52 U		0.36 U		0.51 U			0.55
Sodium	MG/KG	0	0.00%	188		0	0	10	149 U		104 U		149 U			158
Thallium	MG/KG	2.8	40.00%	0.855	84	4	4	10	1.7 B		1.1 U		B			1.1
Vanadium	MG/KG	37.5	100.00%	150	7370	0	10	10	21.5 E		23.3 E		29.9 E			37.5
Zinc	MG/KG	103	100.00%	115	315865	0	10	10	57		51.5		66.5			102

Table 22-6
120G - Metals in Soil vs TAGMs
Non-Evaluated EBS Sites

SITE DESCRIPTION	SEAD-120G MOUNDS AT THE DUCK POND		SEAD-120G MOUNDS AT THE DUCK POND		SEAD-120G MOUNDS AT THE DUCK POND		SEAD-120G MOUNDS AT THE DUCK POND		SEAD-120G MOUNDS AT THE DUCK POND		SEAD-120G MOUNDS AT THE DUCK POND				
	LOC ID:	TP120G-3	TP120G-3	TP120G-4	TP120G-4	TP120G-5	TP120G-5	SAMP ID	EB135	EB136	EB118	EB119	EB120	EB121	
QC CODE	SA	SA	SA	SA	SA	SA	SA	SAMP DETH TOP:	1	2	1.5	3.5	1	2	
SAMP DEPTH BOT:	1	2	1.5	1.5	3.5	3.5	1	SAMP DEPTH BOT:	1	2	1	1	1	2	
MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
SAMP DATE:	9-Mar-98	9-Mar-98	6-Mar-98	6-Mar-98	6-Mar-98	6-Mar-98	6-Mar-98	SAMP DATE:	9-Mar-98	9-Mar-98	6-Mar-98	6-Mar-98	6-Mar-98	6-Mar-98	
PARAMETER	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Aluminum		14800		13400		17000		15000		16900		16400		16400	
Antimony	BN	0.82 UN		1.5 BN		0.85 BN		0.8 UN		1.4 BN		1 UN		1 UN	
Arsenic		5.1		4		4.5		5		10.3		2.8 B		2.8 B	
Barium		155		97		84.4		81.4		115		145		145	
Beryllium	B	0.02 U		0.63 B		0.7 B		0.58 B		0.57 B		0.67 B		0.67 B	
Cadmium	U*	0.07 U		0.08 U		0.05 U*		0.07 U*		0.08 U*		0.09 U*		0.09 U*	
Calcium		11100 *		8840 *		12300		23700		6070		7100		7100	
Chromium	*	19.7		19.7		26.8 *		22.2 *		22 *		21.4 *		21.4 *	
Cobalt	B	13.7		11.2 B		13.9		11.3 B		11.5 B		8.5 B		8.5 B	
Copper	*	23.1 N*		26.3 N*		27.3 *		25 *		26.2 *		24.7 *		24.7 *	
Cyanide	U	0.64 U		0.67 U		0.59 U		0.62 U		0.71 U		0.75 U		0.75 U	
Iron		23100		21900		33200		27500		29300		23000		23000	
Lead		36.9		36.9		16.3		13.3		25.6		19.5		19.5	
Magnesium	*	4540		4310		6810 *		7740 *		4120 *		3980 *		3980 *	
Manganese		379		379		513		520		489		402		402	
Mercury	U	0.08 B		0.06 B		0.06 U		0.06 U		0.07 U		0.06 U		0.06 U	
Nickel	E*	26.4		29.6		43.8 E*		32.3 E*		27.8 E*		24.5 E*		24.5 E*	
Potassium		2120		1920		1570		1480		2090		1800		1800	
Selenium	UN	1.1 U		1.2 U		0.8 UN		1.1 UN		1.2 UN		1.4 UN		1.4 UN	
Silver	U	0.49 U		0.53 U		0.36 U		0.48 U		0.56 U		0.61 U		0.61 U	
Sodium	U	143 U		152 U		104 U		138 U		161 U		175 U		175 U	
Thallium		1.5 UN		1.6 UN		1.4 U		1.4 U		1.7 U		1.8 U		1.8 U	
Vanadium	E	26.8		21.8		25.1 E		23.6 E		27.2 E		24.6 E		24.6 E	
Zinc		100 N		103 N		96.5		71.5		95.7		101		101	

Table 22-7
120G - Metals in Soil vs PRG-REC
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION				SEAD-120G MOUNDS AT THE DUCK POND TP120G-1 EB112 SA		SEAD-120G MOUNDS AT THE DUCK POND TP120G-1 EB113 SA		SEAD-120G MOUNDS AT THE DUCK POND TP120G-2 EB114 SA		SEAD-120G MOUNDS AT THE DUCK POND TP120G-2 EB115 SA				
LOC ID	SAMP ID	QC CODE	SAMP DEPTH TOP	SAMP DEPTH BOT	MATRIX	SAMP DATE	FREQUENCY OF	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SOIL 5-Mar-98	SOIL 5-Mar-98	SOIL 6-Mar-98	SOIL 6-Mar-98
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG						VALUE	Q	VALUE	Q
Aluminum	MG/KG	20200.0	100.00%	19520	1053000	0	10	10	10	12600		14100	17800	20200
Antimony	MG/KG	1.5	150.00%	6	421	0	6	6	4	0.86 UN		0.88 BN	1.1 BN	1.4
Arsenic	MG/KG	10.3	100.00%	8.9	46	0	10	10	10	3.9		3.6	4.4	5.2
Barium	MG/KG	155.0	100.00%	300	73702	0	10	10	10	82.6		79.1	111	149
Beryllium	MG/KG	0.7	90.00%	1.13	16	0	9	10	10	0.4 B		0.41 B	0.07 B	0.54
Cadmium	MG/KG	0.1	400.00%	2.46	526	0	8	2	2	0.07 U*		0.05 U*	0.07 U*	0.08
Calcium	MG/KG	23700.0	100.00%	125300		0	10	10	10	10400		4010	1710	3290
Chromium	MG/KG	26.8	100.00%	30	1052885	0	10	10	10	15.1 *		15.5 *	20.2 *	24.2
Cobalt	MG/KG	13.9	100.00%	30	63173	0	10	10	10	8.6 B		8.2 B	12.8	10.6
Copper	MG/KG	27.3	100.00%	33	42115	0	10	10	10	18.3 *		13.5 *	14 *	19
Cyanide	MG/KG	0.0	0.00%	0.35		0	0	10	10	0.66 U		0.64 U	0.66 U	0.71
Iron	MG/KG	33200.0	100.00%	37410	315865	0	10	10	10	17800		16800	24600	31800
Lead	MG/KG	38.0	100.00%	24.4		0	10	10	10	17.5		12.1	15.4	18.3
Magnesium	MG/KG	7740.0	100.00%	21700		0	10	10	10	5260 *		3100 *	3530 *	3390
Manganese	MG/KG	2070.0	100.00%	1100	24216	0	10	10	10	508		420	1920	1570
Mercury	MG/KG	0.1	20.00%	0.1	316	0	2	10	10	0.06 U		0.06 U	0.06 U	0.06
Nickel	MG/KG	43.8	500.00%	50	21058	0	10	2	2	18.4 E*		16.2 E*	19.5 E*	19.8
Potassium	MG/KG	2120.0	100.00%	2623		0	10	10	10	1410		1150	1620	2070
Selenium	MG/KG	0.0	0.00%	2	5264	0	0	10	10	1.2 UN		0.8 UN	1.2 UN	1.2
Silver	MG/KG	0.0	0.00%	0.8	5264	0	0	10	10	0.52 U		0.36 U	0.51 U	0.55
Sodium	MG/KG	0.0	0.00%	188		0	0	10	10	149 U		104 U	149 U	158
Thallium	MG/KG	2.8	40.00%	0.855	84	0	4	10	10	1.7 B		1.1 U	1.6 B	2.8
Vanadium	MG/KG	37.5	100.00%	150	7370	0	10	10	10	21.5 E		23.3 E	29.9 E	37.5
Zinc	MG/KG	103.0	100.00%	115	315865	0	10	10	10	57		51.5	66.5	102

Table 22-7
120G - Metals in Soil vs PRG-REC
Non-Evaluated EBS Sites

SITE DESCRIPTION	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND							
LOC ID	TP120G-3	TP120G-3	TP120G-4	TP120G-4	TP120G-5	TP120G-5							
SAMP ID	EB135	EB136	EB118	EB119	EB120	EB121							
QC CODE	SA	SA	SA	SA	SA	SA							
SAMP DEPTH TOP	1	2	15	35	1	2							
SAMP DEPTH BOT	1	2	15	35	1	2							
MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL							
SAMP DATE	9-Mar-98	9-Mar-98	6-Mar-98	6-Mar-98	6-Mar-98	6-Mar-98							
PARAMETER	Q	VALUE	Q	VALUE	Q	VALUE	Q						
Aluminum		14800		13400		17000		15000		16900		16400	
Antimony	BN	0.82	UN	1.5	BN	0.85	BN	0.8	UN	1.4	BN	1	UN
Arsenic		5.1		4		4.5		5		10.3		2.8	B
Barium		155		97		84.4		81.4		115		145	
Beryllium	B	0.02	U	0.63	B	0.7	B	0.58	B	0.57	B	0.67	B
Cadmium	U*	0.07	U	0.08	U	0.05	U*	0.07	U*	0.08	U*	0.09	U*
Calcium		11100	*	8840	*	12300		23700		6070		7100	
Chromium	*	19.7		19.7		26.8	*	22.2	*	22	*	21.4	*
Cobalt	B	13.7		11.2	B	13.9		11.3	B	11.5	B	8.5	B
Copper	*	23.1	N*	26.3	N*	27.3	*	25	*	26.2	*	24.7	*
Cyanide	U	0.64	U	0.67	U	0.59	U	0.62	U	0.71	U	0.75	U
Iron		23100		21900		33200		27500		29300		23000	
Lead		38		36.9		16.3		13.3		25.6		19.5	
Magnesium	*	4540		4310		6810	*	7740	*	4120	*	3980	*
Manganese		2070		379		513		520		489		402	
Mercury	U	0.08	B	0.06	B	0.06	U	0.06	U	0.07	U	0.06	U
Nickel	E*	26.4		29.6		43.8	E*	32.3	E*	27.8	E*	24.5	E*
Potassium		2120		1920		1570		1480		2090		1800	
Selenium	UN	1.1	U	1.2	U	0.8	UN	1.1	UN	1.2	UN	1.4	UN
Silver	U	0.49	U	0.53	U	0.36	U	0.48	U	0.56	U	0.61	U
Sodium	U	143	U	152	U	104	U	138	U	161	U	175	U
Thallium		1.5	UN	1.6	UN	1.1	B	1.4	U	1.7	U	1.8	U
Vanadium	E	26.8		21.8		25.1	E	23.6	E	27.2	E	24.6	E
Zinc		100	N	103	N	96.5		71.5		95.7		101	

Table 22-8
120G - Pesticides/PCBs in Soil vs TAGMS
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION		SEAD-120G MOUNDS AT THE DUCK POND		SEAD-120G MOUNDS AT THE DUCK POND		SEAD-120G MOUNDS AT THE DUCK POND		SEAD-120G MOUNDS AT THE DUCK POND						
LOC ID		TP120G-1		TP120G-1		TP120G-2		TP120G-2						
SAMP ID		EB112		EB113		EB114		EB115						
QC CODE		SA		SA		SA		SA						
SAMP DEPTH TOP		0 5		2		1 5		3						
SAMP DEPTH BOT		0 5		2		1 5		3						
MATRIX		SOIL		SOIL		SOIL		SOIL						
SAMP DATE		5-Mar-98		5-Mar-98		6-Mar-98		6-Mar-98						
PARAMETER	UNIT	FREQUENCY OF		TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SOIL		SOIL		SOIL	
		MAXIMUM	DETECTION						VALUE	Q	VALUE	Q	VALUE	Q
4,4'-DDD	UG/KG	0	0.00%	2900	286619	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4
4,4'-DDE	UG/KG	0	0.00%	2100	202319	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4
4,4'-DDT	UG/KG	0	0.00%	2100	202319	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4
Aldnn	UG/KG	0	0.00%	41	4046	0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2
Alpha-BHC	UG/KG	0	0.00%	110		0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2
Alpha-Chlordane	UG/KG	0	0.00%			0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2
Aroclor-1016	UG/KG	0	0.00%		73702	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4
Aroclor-1221	UG/KG	0	0.00%			0	0	10	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U	8.8
Aroclor-1232	UG/KG	0	0.00%			0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4
Aroclor-1242	UG/KG	0	0.00%			0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4
Aroclor-1248	UG/KG	0	0.00%			0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4
Aroclor-1254	UG/KG	0	0.00%	10000	21058	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4
Aroclor-1260	UG/KG	0	0.00%	10000		0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4
Beta-BHC	UG/KG	0	0.00%	200		0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2
Delta-BHC	UG/KG	0	0.00%	300		0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2
Dieldrn	UG/KG	0	0.00%	44	4299	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4
Endosulfan I	UG/KG	0	0.00%	900	6317308	0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2
Endosulfan II	UG/KG	0	0.00%	900	6317308	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4
Endosulfan sulfate	UG/KG	0	0.00%	1000		0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4
Endrn	UG/KG	0	0.00%	100	315865	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4
Endrin aldehyde	UG/KG	0	0.00%		315865	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4
Endrin ketone	UG/KG	0	0.00%		315865	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4
Gamma-BHC/Lindane	UG/KG	0	0.00%	60	52914	0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2
Gamma-Chlordane	UG/KG	0	0.00%	540		0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2
Heptachlor	UG/KG	0	0.00%	100	15286	0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2
Heptachlor epoxide	UG/KG	0	0.00%	20	7559	0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2
Methoxychlor	UG/KG	0	0.00%		5264423	0	0	10	21 U	21 U	21 U	21 U	21 U	22
Toxaphene	UG/KG	0	0.00%			0	0	10	210 U	210 U	210 U	210 U	210 U	220

Table 22-8
120G - Pesticides/PCBs in Soil vs TAGMS
Non-Evaluated EBS Sites

SITE DESCRIPTION	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	
LOC ID	TP120G-3	TP120G-3	TP120G-4	TP120G-4	TP120G-5	TP120G-5	
SAMP ID	EB135	EB136	EB118	EB119	EB120	EB121	
QC CODE	SA	SA	SA	SA	SA	SA	
SAMP DETH TOP	1	2	15	35	1	2	
SAMP DEPTH BOT	1	2	15	35	1	2	
MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
SAMP DATE	9-Mar-98	9-Mar-98	6-Mar-98	6-Mar-98	6-Mar-98	6-Mar-98	
PARAMETER	Q	VALUE	Q	VALUE	Q	VALUE	Q
4.4'-DDD	U	41 U	42 U	39 U	4 U	45 U	49 U
4.4'-DDE	U	41 U	42 U	39 U	4 U	45 U	49 U
4.4'-DDT	U	41 U	42 U	39 U	4 U	45 U	49 U
Aldrin	U	21 U	22 U	2 U	2 U	22 U	24 U
Alpha-BHC	U	21 U	22 U	2 U	2 U	22 U	24 U
Alpha-Chlordane	U	21 U	22 U	2 U	2 U	22 U	24 U
Aroclor-1016	U	41 U	42 U	39 U	40 U	45 U	49 U
Aroclor-1221	U	84 U	86 U	78 U	79 U	90 U	98 U
Aroclor-1232	U	41 U	42 U	39 U	40 U	45 U	49 U
Aroclor-1242	U	41 U	42 U	39 U	40 U	45 U	49 U
Aroclor-1248	U	41 U	42 U	39 U	40 U	45 U	49 U
Aroclor-1254	U	41 U	42 U	39 U	40 U	45 U	49 U
Aroclor-1260	U	41 U	42 U	39 U	40 U	45 U	49 U
Beta-BHC	U	21 U	22 U	2 U	2 U	22 U	24 U
Delta-BHC	U	21 U	22 U	2 U	2 U	22 U	24 U
Dieldnn	U	41 U	42 U	39 U	4 U	45 U	49 U
Endosulfan I	U	21 U	22 U	2 U	2 U	22 U	24 U
Endosulfan II	U	41 U	42 U	39 U	4 U	45 U	49 U
Endosulfan sulfate	U	41 U	42 U	39 U	4 U	45 U	49 U
Endrin	U	41 U	42 U	39 U	4 U	45 U	49 U
Endrin aldehyde	U	41 U	42 U	39 U	4 U	45 U	49 U
Endrin ketone	U	41 U	42 U	39 U	4 U	45 U	49 U
Gamma-BHC/Lindane	U	21 U	22 U	2 U	2 U	22 U	24 U
Gamma-Chlordane	U	21 U	22 U	2 U	2 U	22 U	24 U
Heptachlor	U	21 U	22 U	2 U	2 U	22 U	24 U
Heptachlor epoxide	U	21 U	22 U	2 U	2 U	22 U	24 U
Methoxychlor	U	21 U	22 U	20 U	20 U	22 U	24 U
Toxaphene	U	210 U	220 U	200 U	200 U	220 U	240 U

Table 22-9
120G - Pesticides/PCBs in Soil vs PRG-REC
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION												SEAD-120G MOUNDS AT THE DUCK POND		SEAD-120G MOUNDS AT THE DUCK POND		SEAD-120G MOUNDS AT THE DUCK POND		SEAD-120G MOUNDS AT THE DUCK POND	
LOC ID												TP120G-1		TP120G-1		TP120G-2		TP120G-2	
SAMP ID												EB112		EB113		EB114		EB115	
QC CODE												SA		SA		SA		SA	
SAMP DEPTH TOP												0.5		2		1.5		3	
SAMP DEPTH BOT												0.5		2		1.5		3	
MATRIX												SOIL		SOIL		SOIL		SOIL	
SAMP DATE		FREQUENCY OF		NUMBER ABOVE		NUMBER OF		NUMBER OF		5-Mar-98		5-Mar-98		6-Mar-98		6-Mar-98			
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG	TAGM	DETECTS	ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q			
4,4'-DDD	UG/KG	0	0.00%	2900	286619	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4			
4,4'-DDE	UG/KG	0	0.00%	2100	202319	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4			
4,4'-DDT	UG/KG	0	0.00%	2100	202319	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4			
Aldrin	UG/KG	0	0.00%	41	4046	0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2			
Alpha-BHC	UG/KG	0	0.00%	110		0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2			
Alpha-Chlordane	UG/KG	0	0.00%			0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2			
Aroclor-1016	UG/KG	0	0.00%		73702	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4			
Aroclor-1221	UG/KG	0	0.00%			0	0	10	83 U	83 U	83 U	83 U	83 U	83 U	83 U	88			
Aroclor-1232	UG/KG	0	0.00%			0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4			
Aroclor-1242	UG/KG	0	0.00%			0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4			
Aroclor-1248	UG/KG	0	0.00%			0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4			
Aroclor-1254	UG/KG	0	0.00%	10000	21058	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4			
Aroclor-1260	UG/KG	0	0.00%	10000		0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4			
Beta-BHC	UG/KG	0	0.00%	200		0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2			
Delta-BHC	UG/KG	0	0.00%	300		0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2			
Dieldrin	UG/KG	0	0.00%	44	4299	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4			
Endosulfan I	UG/KG	0	0.00%	900	6317308	0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2			
Endosulfan II	UG/KG	0	0.00%	900	6317308	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4			
Endosulfan sulfate	UG/KG	0	0.00%	1000		0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4			
Endrin	UG/KG	0	0.00%	100	315865	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4			
Endrin aldehyde	UG/KG	0	0.00%		315865	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4			
Endrin ketone	UG/KG	0	0.00%		315865	0	0	10	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.4			
Gamma-BHC/Lindane	UG/KG	0	0.00%	60	52914	0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2			
Gamma-Chlordane	UG/KG	0	0.00%	540		0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2			
Heptachlor	UG/KG	0	0.00%	100	15286	0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2			
Heptachlor epoxide	UG/KG	0	0.00%	20	7559	0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2			
Methoxychlor	UG/KG	0	0.00%		5264423	0	0	10	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2			
Toxaphene	UG/KG	0	0.00%			0	0	10	210 U	210 U	210 U	210 U	210 U	210 U	210 U	220			

Table 22-9
120G - Pesticides/PCBs in Soil vs PRG-REC
Non-Evaluated EBS Sites

SITE DESCRIPTION	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND	SEAD-120G MOUNDS AT THE DUCK POND							
LOC ID	TP120G-3	TP120G-3	TP120G-4	TP120G-4	TP120G-5	TP120G-5							
SAMP ID	EB135	EB136	EB118	EB119	EB120	EB121							
QC CODE	SA	SA	SA	SA	SA	SA							
SAMP_DEPTH TOP	1	2	1.5	3.5	1	2							
SAMP_DEPTH BOT	1	2	1.5	3.5	1	2							
MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL							
SAMP_DATE	9-Mar-98	9-Mar-98	6-Mar-98	6-Mar-98	6-Mar-98	6-Mar-98							
PARAMETER	Q	VALUE	Q	VALUE	Q	VALUE	Q						
4,4'-DDD	U	4.1	U	4.2	U	3.9	U	4.5	U	4.9	U		
4,4'-DDE	U	4.1	U	4.2	U	3.9	U	4	U	4.5	U	4.9	U
4,4'-DDT	U	4.1	U	4.2	U	3.9	U	4	U	4.5	U	4.9	U
Aldrin	U	2.1	U	2.2	U	2	U	2.2	U	2.2	U	2.4	U
Alpha-BHC	U	2.1	U	2.2	U	2	U	2	U	2.2	U	2.4	U
Alpha-Chlordane	U	2.1	U	2.2	U	2	U	2	U	2.2	U	2.4	U
Aroclor-1016	U	41	U	42	U	39	U	40	U	45	U	49	U
Aroclor-1221	U	84	U	86	U	78	U	79	U	90	U	98	U
Aroclor-1232	U	41	U	42	U	39	U	40	U	45	U	49	U
Aroclor-1242	U	41	U	42	U	39	U	40	U	45	U	49	U
Aroclor-1248	U	41	U	42	U	39	U	40	U	45	U	49	U
Aroclor-1254	U	41	U	42	U	39	U	40	U	45	U	49	U
Aroclor-1260	U	41	U	42	U	39	U	40	U	45	U	49	U
Beta-BHC	U	2.1	U	2.2	U	2	U	2	U	2.2	U	2.4	U
Delta-BHC	U	2.1	U	2.2	U	2	U	2	U	2.2	U	2.4	U
Dieldrin	U	4.1	U	4.2	U	3.9	U	4	U	4.5	U	4.9	U
Endosulfan I	U	2.1	U	2.2	U	2	U	2	U	2.2	U	2.4	U
Endosulfan II	U	4.1	U	4.2	U	3.9	U	4	U	4.5	U	4.9	U
Endosulfan sulfate	U	4.1	U	4.2	U	3.9	U	4	U	4.5	U	4.9	U
Endrin	U	4.1	U	4.2	U	3.9	U	4	U	4.5	U	4.9	U
Endrin aldehyde	U	4.1	U	4.2	U	3.9	U	4	U	4.5	U	4.9	U
Endrin ketone	U	4.1	U	4.2	U	3.9	U	4	U	4.5	U	4.9	U
Gamma-BHC/Lindane	U	2.1	U	2.2	U	2	U	2	U	2.2	U	2.4	U
Gamma-Chlordane	U	2.1	U	2.2	U	2	U	2	U	2.2	U	2.4	U
Heptachlor	U	2.1	U	2.2	U	2	U	2	U	2.2	U	2.4	U
Heptachlor epoxide	U	2.1	U	2.2	U	2	U	2	U	2.2	U	2.4	U
Methoxychlor	U	21	U	22	U	20	U	20	U	22	U	24	U
Toxaphene	U	210	U	220	U	200	U	200	U	220	U	240	U

SEAD-120J

Farmer's Dump

Table 25-1

Sample Collection Information
SEAD-120J - Farmer's Dump

12 Moderate EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SURFACE SOIL	SS120J-1	EB269	3/18/98	0.0	0.2	SA	Location is at base of a slope that is downgradient of a debris pile; debris includes rotting wood, metal siding/stove pipes, pig hides/fur/bones; also, the remains of two unlabelled drums and a container labelled (4-DAMINE No. 4) herbicide.
SURFACE SOIL	SS120J-1	EB029	3/18/98	0.0	0.2	DU	Location is at base of a slope that is downgradient of a debris pile; debris includes rotting wood, metal siding/stove pipes, pig hides/fur/bones; also, the remains of two unlabelled drums and a container labelled (4-DAMINE No. 4) herbicide.
SURFACE SOIL	SS120J-2	EB270	3/18/98	0.0	0.2	SA	Location is at the bottom of the main drainage wash into a low area; the area contained cans, glass bottles, plastic bottles, and other household debris.
SURFACE SOIL	SS120J-3	EB271	3/18/98	0.0	0.2	SA	Location is approx. 1 foot downslope of the contained labelled 4-DAMINE No. 4 mentioned above.
SURFACE SOIL	SS120J-4	EB272	3/18/98	0.0	0.2	SA	Location is just below (downgradient) an unlabelled drum, which had no bottom or top.

Notes:

SA = Sample

DU = Duplicate

Table 25-2
120J - Volatiles in Soil vs TAGM
Non-Evaluated EBS Sites

2/17/99

SITE:									SEAD-120J	SEAD-120J
DESCRIPTION:									Farmer's Dump	Farmer's Dump
LOC ID:									SS120J-1	SS120J-1
SAMP_ID:									EB269	EB029
QC CODE:									SA	DU
SAMP. DEPTH TOP:									0	0
SAMP. DEPTH BOT:									0.2	0.2
MATRIX:									SOIL	SOIL
SAMP DATE:									18-Mar-98	18-Mar-98
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE Q	VALUE Q
1,1,1-Trichloroethane	UG/KG	0.0	0.00%	800	36850962	0	0	5	16 U	16 U
1,1,2,2-Tetrachloroethane	UG/KG	0.0	0.00%	600	3439423	0	0	5	16 U	16 U
1,1,2-Trichloroethane	UG/KG	0.0	0.00%		1206815	0	0	5	16 U	16 U
1,1-Dichloroethane	UG/KG	0.0	0.00%	200	105288462	0	0	5	16 U	16 U
1,1-Dichloroethene	UG/KG	0.0	0.00%	400	114647	0	0	5	16 U	16 U
1,2-Dichloroethane	UG/KG	0.0	0.00%	100	755917	0	0	5	16 U	16 U
1,2-Dichloroethene (total)	UG/KG	0.0	0.00%			0	0	5	16 U	16 U
1,2-Dichloropropane	UG/KG	0.0	0.00%		1011595	0	0	5	16 U	16 U
Acetone	UG/KG	20.0	20.00%	200	105288462	0	1	5	16 U	20 B
Benzene	UG/KG	0.0	0.00%	60	2372016	0	0	5	16 U	16 U
Bromodichloromethane	UG/KG	0.0	0.00%		1109491	0	0	5	16 U	16 U
Bromoform	UG/KG	0.0	0.00%		8707400	0	0	5	16 U	16 U
Carbon disulfide	UG/KG	0.0	0.00%	2700	105288462	0	0	5	16 U	16 U
Carbon tetrachloride	UG/KG	0.0	0.00%	600	529142	0	0	5	16 U	16 U
Chlorobenzene	UG/KG	0.0	0.00%	1700	21057692	0	0	5	16 U	16 U
Chlorodibromomethane	UG/KG	0.0	0.00%		818910	0	0	5	16 U	16 U
Chloroethane	UG/KG	0.0	0.00%	1900	421153846	0	0	5	16 U	16 U
Chloroform	UG/KG	0.0	0.00%	300	10528846	0	0	5	16 U	16 U
Cis-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	5	16 U	16 U
Ethyl benzene	UG/KG	0.0	0.00%	5500	105288462	0	0	5	16 U	16 U
Methyl bromide	UG/KG	0.0	0.00%		1505625	0	0	5	16 U	16 U
Methyl butyl ketone	UG/KG	0.0	0.00%			0	0	5	16 U	16 U
Methyl chloride	UG/KG	0.0	0.00%		5291420	0	0	5	16 U	16 U
Methyl ethyl ketone	UG/KG	0.0	0.00%	300		0	0	5	16 U	16 U
Methyl isobutyl ketone	UG/KG	0.0	0.00%	1000	84230769	0	0	5	16 U	16 U
Methylene chloride	UG/KG	0.0	0.00%	100	9171795	0	0	5	16 U	16 U
Styrene	UG/KG	0.0	0.00%			0	0	5	16 U	16 U
Tetrachloroethene	UG/KG	0.0	0.00%	1400	1322855	0	0	5	16 U	16 U
Toluene	UG/KG	13.0	80.00%	1500	210576923	0	4	5	5 J	16 U
Total Xylenes	UG/KG	0.0	0.00%	1200	2105769231	0	0	5	16 U	16 U
Trans-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	5	16 U	16 U
Trichloroethene	UG/KG	0.0	0.00%	700	6253497	0	0	5	16 U	16 U
Vinyl chloride	UG/KG	0.0	0.00%	200	36204	0	0	5	16 U	16 U

Table 25-2
120J - Volatiles in Soil vs TAGM
Non-Evaluated EBS Sites

2/17/99

SITE: DESCRIPTION:	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump
LOC ID:	SS120J-2	SS120J-3	SS120J-4
SAMP_ID:	EB270	EB271	EB272
QC CODE:	SA	SA	SA
SAMP. DEPTH TOP:	0	0	0
SAMP. DEPTH BOT:	0.2	0.2	0.2
MATRIX:	SOIL	SOIL	SOIL
SAMP. DATE:	18-Mar-98	18-Mar-98	18-Mar-98
PARAMETER	VALUE Q	VALUE Q	VALUE Q
1,1,1-Trichloroethane	14 U	13 U	16 U
1,1,1,2-Tetrachloroethane	14 U	13 U	16 U
1,1,2-Trichloroethane	14 U	13 U	16 U
1,1-Dichloroethane	14 U	13 U	16 U
1,1-Dichloroethene	14 U	13 U	16 U
1,2-Dichloroethane	14 U	13 U	16 U
1,2-Dichloroethene (total)	14 U	13 U	16 U
1,2-Dichloropropane	14 U	13 U	16 U
Acetone	14 U	13 U	16 U
Benzene	14 U	13 U	16 U
Bromodichloromethane	14 U	13 U	16 U
Bromoform	14 U	13 U	16 U
Carbon disulfide	14 U	13 U	16 U
Carbon tetrachloride	14 U	13 U	16 U
Chlorobenzene	14 U	13 U	16 U
Chlorodibromomethane	14 U	13 U	16 U
Chloroethane	14 U	13 U	16 U
Chloroform	14 U	13 U	16 U
Cis-1,3-Dichloropropene	14 U	13 U	16 U
Ethyl benzene	14 U	13 U	16 U
Methyl bromide	14 U	13 U	16 U
Methyl butyl ketone	14 U	13 U	16 U
Methyl chloride	14 U	13 U	16 U
Methyl ethyl ketone	14 U	13 U	16 U
Methyl isobutyl ketone	14 U	13 U	16 U
Methylene chloride	14 U	13 U	16 U
Styrene	14 U	13 U	16 U
Tetrachloroethene	14 U	13 U	16 U
Toluene	13 J	12 J	7 J
Total Xylenes	14 U	13 U	16 U
Trans-1,3-Dichloropropene	14 U	13 U	16 U
Trichloroethene	14 U	13 U	16 U
Vinyl chloride	14 U	13 U	16 U

Table 25-3
120J - Volatiles in Soil vs PRG-REC
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION:					SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump				
LOC ID					SS120J-1	SS120J-1	SS120J-2				
SAMP_ID					EB269	EB029	EB270				
QC CODE					SA	DU	SA				
SAMP DEPTH TOP:					0	0	0				
SAMP DEPTH BOT:					0.2	0.2	0.2				
MATRIX					SOIL	SOIL	SOIL				
SAMP DATE					18-Mar-98	18-Mar-98	18-Mar-98				
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE Q	VALUE Q	VALUE Q
1,1,1-Trichloroethane	UG/KG	0.0	0.00%	800	36850962	0	0	5	16 U	16 U	14 U
1,1,2,2-Tetrachloroethane	UG/KG	0.0	0.00%	600	3439423	0	0	5	16 U	16 U	14 U
1,1,2-Trichloroethane	UG/KG	0.0	0.00%		1206815	0	0	5	16 U	16 U	14 U
1,1-Dichloroethane	UG/KG	0.0	0.00%	200	105288462	0	0	5	16 U	16 U	14 U
1,1-Dichloroethene	UG/KG	0.0	0.00%	400	114647	0	0	5	16 U	16 U	14 U
1,2-Dichloroethane	UG/KG	0.0	0.00%	100	755917	0	0	5	16 U	16 U	14 U
1,2-Dichloroethene (total)	UG/KG	0.0	0.00%			0	0	5	16 U	16 U	14 U
1,2-Dichloropropane	UG/KG	0.0	0.00%		1011595	0	0	5	16 U	16 U	14 U
Acetone	UG/KG	20.0	20.00%	200	105288462	0	1	5	16 U	20 B	14 U
Benzene	UG/KG	0.0	0.00%	60	2372016	0	0	5	16 U	16 U	14 U
Bromodichloromethane	UG/KG	0.0	0.00%		1109491	0	0	5	16 U	16 U	14 U
Bromoform	UG/KG	0.0	0.00%		8707400	0	0	5	16 U	16 U	14 U
Carbon disulfide	UG/KG	0.0	0.00%	2700	105288462	0	0	5	16 U	16 U	14 U
Carbon tetrachloride	UG/KG	0.0	0.00%	600	529142	0	0	5	16 U	16 U	14 U
Chlorobenzene	UG/KG	0.0	0.00%	1700	21057692	0	0	5	16 U	16 U	14 U
Chlorodibromomethane	UG/KG	0.0	0.00%		818910	0	0	5	16 U	16 U	14 U
Chloroethane	UG/KG	0.0	0.00%	1900	421153846	0	0	5	16 U	16 U	14 U
Chloroform	UG/KG	0.0	0.00%	300	10528846	0	0	5	16 U	16 U	14 U
Cis-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	5	16 U	16 U	14 U
Ethyl benzene	UG/KG	0.0	0.00%	5500	105288462	0	0	5	16 U	16 U	14 U
Methyl bromide	UG/KG	0.0	0.00%		1505625	0	0	5	16 U	16 U	14 U
Methyl butyl ketone	UG/KG	0.0	0.00%			0	0	5	16 U	16 U	14 U
Methyl chloride	UG/KG	0.0	0.00%		5291420	0	0	5	16 U	16 U	14 U
Methyl ethyl ketone	UG/KG	0.0	0.00%	300		0	0	5	16 U	16 U	14 U
Methyl isobutyl ketone	UG/KG	0.0	0.00%	1000	84230769	0	0	5	16 U	16 U	14 U
Methylene chloride	UG/KG	0.0	0.00%	100	9171795	0	0	5	16 U	16 U	14 U
Styrene	UG/KG	0.0	0.00%			0	0	5	16 U	16 U	14 U
Tetrachloroethene	UG/KG	0.0	0.00%	1400	1322855	0	0	5	16 U	16 U	14 U
Toluene	UG/KG	13.0	80.00%	1500	210576923	0	4	5	5 J	16 U	13 J
Total Xylenes	UG/KG	0.0	0.00%	1200	2105769231	0	0	5	16 U	16 U	14 U
Trans-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	5	16 U	16 U	14 U
Trichloroethene	UG/KG	0.0	0.00%	700	6253497	0	0	5	16 U	16 U	14 U
Vinyl chloride	UG/KG	0.0	0.00%	200	36204	0	0	5	16 U	16 U	14 U

Table 25-3
 120J - Volatiles in Soil vs PRG-REC
 Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION:	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump
LOC ID:	SS120J-3	SS120J-4
SAMP_ID:	EB271	EB272
QC CODE:	SA	SA
SAMP_DEPTH TOP:	0	0
SAMP_DEPTH BOT:	0.2	0.2
MATRIX:	SOIL	SOIL
SAMP_DATE:	18-Mar-98	18-Mar-98
PARAMETER	VALUE Q	VALUE Q
1,1,1-Trichloroethane	13 U	16 U
1,1,2,2-Tetrachloroethane	13 U	16 U
1,1,2-Trichloroethane	13 U	16 U
1,1-Dichloroethane	13 U	16 U
1,1-Dichloroethene	13 U	16 U
1,2-Dichloroethane	13 U	16 U
1,2-Dichloroethene (total)	13 U	16 U
1,2-Dichloropropane	13 U	16 U
Acetone	13 U	16 U
Benzene	13 U	16 U
Bromodichloromethane	13 U	16 U
Bromoform	13 U	16 U
Carbon disulfide	13 U	16 U
Carbon tetrachloride	13 U	16 U
Chlorobenzene	13 U	16 U
Chlorodibromomethane	13 U	16 U
Chloroethane	13 U	16 U
Chloroform	13 U	16 U
Cis-1,3-Dichloropropene	13 U	16 U
Ethyl benzene	13 U	16 U
Methyl bromide	13 U	16 U
Methyl butyl ketone	13 U	16 U
Methyl chloride	13 U	16 U
Methyl ethyl ketone	13 U	16 U
Methyl isobutyl ketone	13 U	16 U
Methylene chloride	13 U	16 U
Styrene	13 U	16 U
Tetrachloroethene	13 U	16 U
Toluene	12 J	7 J
Total Xylenes	13 U	16 U
Trans-1,3-Dichloropropene	13 U	16 U
Trichloroethene	13 U	16 U
Vinyl chloride	13 U	16 U

Table 25-4
120J - Semivolatiles/TPH in Soil vs TAGM
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION					SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump			
LOC ID					SS120J-1	SS120J-1	SS120J-2	SS120J-3	SS120J-4			
SAMP_ID					EB269	EB029	EB270	EB271	EB272			
QC CODE					SA	DU	SA	SA	SA			
SAMP DEPTH TOP					0	0	0	0	0			
SAMP DEPTH BOT					0.2	0.2	0.2	0.2	0.2			
MATRIX					SOIL	SOIL	SOIL	SOIL	SOIL			
SAMP_DATE		FREQUENCY OF			NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	18-Mar-98	18-Mar-98	18-Mar-98	18-Mar-98	18-Mar-98
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
1,2,4-Trichlorobenzene	UG/KG	0.0	0.00%	3400	10528846	100 U	100 U	81 U	87 U	100 U	100 U	100 U
1,2-Dichlorobenzene	UG/KG	0.0	0.00%	7900	94759615	100 U	100 U	81 U	87 U	100 U	100 U	100 U
1,3-Dichlorobenzene	UG/KG	0.0	0.00%	1600	93706731	100 U	100 U	81 U	87 U	100 U	100 U	100 U
1,4-Dichlorobenzene	UG/KG	0.0	0.00%	8500	2866186	100 U	100 U	81 U	87 U	100 U	100 U	100 U
2,4,5-Trichlorophenol	UG/KG	0.0	0.00%	100	105288462	240 U	250 U	200 U	210 U	250 U	250 U	250 U
2,4,6-Trichlorophenol	UG/KG	0.0	0.00%	0	6253497	100 U	100 U	81 U	87 U	100 U	100 U	100 U
2,4-Dichlorophenol	UG/KG	0.0	0.00%	400	3158654	100 U	100 U	81 U	87 U	100 U	100 U	100 U
2,4-Dimethylphenol	UG/KG	0.0	0.00%	0	21057692	100 U	100 U	81 U	87 U	100 U	100 U	100 U
2,4-Dinitrophenol	UG/KG	0.0	0.00%	200	2105769	240 U	250 U	200 U	210 U	250 U	250 U	250 U
2,4-Dinitrotoluene	UG/KG	0.0	0.00%	0	2105769	100 U	100 U	81 U	87 U	100 U	100 U	100 U
2,6-Dinitrotoluene	UG/KG	0.0	0.00%	1000	1052885	100 U	100 U	81 U	87 U	100 U	100 U	100 U
2-Chloronaphthalene	UG/KG	0.0	0.00%	0	0	100 U	100 U	81 U	87 U	100 U	100 U	100 U
2-Chlorophenol	UG/KG	0.0	0.00%	800	5264423	100 U	100 U	81 U	87 U	100 U	100 U	100 U
2-Methylnaphthalene	UG/KG	0.0	0.00%	36400	0	100 U	100 U	81 U	87 U	100 U	100 U	100 U
2-Methylphenol	UG/KG	0.0	0.00%	100	0	100 U	100 U	81 U	87 U	100 U	100 U	100 U
2-Nitroaniline	UG/KG	0.0	0.00%	430	63173	240 U	250 U	200 U	210 U	250 U	250 U	250 U
2-Nitrophenol	UG/KG	0.0	0.00%	330	0	100 U	100 U	81 U	87 U	100 U	100 U	100 U
3,3'-Dichlorobenzidine	UG/KG	0.0	0.00%	0	0	100 U	100 U	81 U	87 U	100 U	100 U	100 U
3-Nitroaniline	UG/KG	0.0	0.00%	500	3158654	240 U	250 U	200 U	210 U	250 U	250 U	250 U
4,6-Dinitro-2-methylphenol	UG/KG	0.0	0.00%	0	0	240 U	250 U	200 U	210 U	250 U	250 U	250 U
4-Bromophenyl phenyl ether	UG/KG	0.0	0.00%	0	61067308	100 U	100 U	81 U	87 U	100 U	100 U	100 U
4-Chloro-3-methylphenol	UG/KG	0.0	0.00%	240	0	100 U	100 U	81 U	87 U	100 U	100 U	100 U
4-Chloroaniline	UG/KG	0.0	0.00%	220	4211538	100 U	100 U	81 U	87 U	100 U	100 U	100 U
4-Chlorophenyl phenyl ether	UG/KG	0.0	0.00%	0	0	100 U	100 U	81 U	87 U	100 U	100 U	100 U
4-Methylphenol	UG/KG	0.0	0.00%	900	0	100 U	100 U	81 U	87 U	100 U	100 U	100 U
4-Nitroaniline	UG/KG	0.0	0.00%	0	3158654	240 U	250 U	200 U	210 U	250 U	250 U	250 U
4-Nitrophenol	UG/KG	0.0	0.00%	100	63173077	240 U	250 U	200 U	210 U	250 U	250 U	250 U
Acenaphthene	UG/KG	0.0	0.00%	50000	0	100 U	100 U	81 U	87 U	100 U	100 U	100 U
Acenaphthylene	UG/KG	0.0	0.00%	41000	0	100 U	100 U	81 U	87 U	100 U	100 U	100 U
Anthracene	UG/KG	0.0	0.00%	50000	315865385	100 U	100 U	81 U	87 U	100 U	100 U	100 U
Benzo[a]anthracene	UG/KG	22.0	100.00%	224	0	19 J	22 J	8.8 J	7.6 J	18 J	18 J	18 J
Benzo[a]pyrene	UG/KG	23.0	100.00%	61	9423	21 J	23 J	10 J	9 J	21 J	21 J	21 J
Benzo[b]fluoranthene	UG/KG	30.0	100.00%	1100	94231	24 J	28 J	14 J	17 J	30 J	30 J	30 J
Benzo[ghi]perylene	UG/KG	20.0	100.00%	50000	0	17 J	19 J	12 J	9.6 J	20 J	20 J	20 J
Benzo[k]fluoranthene	UG/KG	27.0	100.00%	1100	942308	27 J	27 J	15 J	10 J	23 J	23 J	23 J
Bis(2-Chloroethoxy)methane	UG/KG	0.0	0.00%	0	0	100 U	100 U	81 U	87 U	100 U	100 U	100 U
Bis(2-Chloroethyl)ether	UG/KG	0.0	0.00%	0	62535	100 U	100 U	81 U	87 U	100 U	100 U	100 U
Bis(2-Chloroisopropyl)ether	UG/KG	0.0	0.00%	0	982692	100 U	100 U	81 U	87 U	100 U	100 U	100 U
Bis(2-Ethylhexyl)phthalate	UG/KG	14.0	100.00%	50000	0	5	12 JB	12 JB	10 JB	14 JB	11 JB	11 JB
Butylbenzylphthalate	UG/KG	8.1	20.00%	50000	210576923	81 U	100 U	81 U	8.1 J	100 U	100 U	100 U
Carbazole	UG/KG	6.6	20.00%	0	3439423	6.6 J	100 U	81 U	87 U	100 U	100 U	100 U
Chrysene	UG/KG	33.0	100.00%	400	9423077	28 J	33 J	17 J	15 J	30 J	30 J	30 J
Di-n-butylphthalate	UG/KG	0.0	0.00%	8100	0	100 U	100 U	81 U	87 U	100 U	100 U	100 U
Di-n-octylphthalate	UG/KG	0.0	0.00%	50000	21057692	100 U	100 U	81 U	87 U	100 U	100 U	100 U
Dibenz[a,h]anthracene	UG/KG	8.7	80.00%	14	0	100 U	8.7 J	6.3 J	6 J	7.4 J	7.4 J	7.4 J
Dibenzofuran	UG/KG	0.0	0.00%	6200	4211538	100 U	100 U	81 U	87 U	100 U	100 U	100 U
Diethyl phthalate	UG/KG	34.0	100.00%	7100	842307692	34 J	7.3 J	4.2 J	7.5 J	7 J	7 J	7 J
Dimethylphthalate	UG/KG	0.0	0.00%	2000	10528846150	100 U	100 U	81 U	87 U	100 U	100 U	100 U
Fluoranthene	UG/KG	55.0	100.00%	50000	42115385	46 J	55 J	18 J	20 J	45 J	45 J	45 J
Fluorene	UG/KG	0.0	0.00%	50000	42115385	100 U	100 U	81 U	87 U	100 U	100 U	100 U
Hexachlorobenzene	UG/KG	0.0	0.00%	410	42993	100 U	100 U	81 U	87 U	100 U	100 U	100 U
Hexachlorobutadiene	UG/KG	0.0	0.00%	0	210577	100 U	100 U	81 U	87 U	100 U	100 U	100 U
Hexachlorocyclopentadiene	UG/KG	0.0	0.00%	0	7370192	100 U	100 U	81 U	87 U	100 U	100 U	100 U

Table 25-4
120J - Semivolatiles/TPH in Soil vs TAGM
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION						SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump			
LOC ID						SS120J-1	SS120J-1	SS120J-2	SS120J-3	SS120J-4			
SAMP_ID						EB269	EB029	EB270	EB271	EB272			
QC CODE						SA	DU	SA	SA	SA			
SAMP DEPTH TOP						0	0	0	0	0			
SAMP DEPTH BOT						0.2	0.2	0.2	0.2	0.2			
MATRIX						SOIL	SOIL	SOIL	SOIL	SOIL			
SAMP DATE						18-Mar-98	18-Mar-98	18-Mar-98	18-Mar-98	18-Mar-98			
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
Hexachloroethane	UG/KG	0.0	0.00%		1052885	0	0	5	100 U	100 U	81 U	87 U	100 U
Indeno[1,2,3-cd]pyrene	UG/KG	18.0	100.00%	3200	94231	0	5	5	15 J	18 J	11 J	8 J	17 J
Isophorone	UG/KG	0.0	0.00%	4400		0	0	5	100 U	100 U	81 U	87 U	100 U
N-Nitrosodiphenylamine	UG/KG	0.0	0.00%		14038462	0	0	5	100 U	100 U	81 U	87 U	100 U
N-Nitrosodipropylamine	UG/KG	0.0	0.00%			0	0	5	100 U	100 U	81 U	87 U	100 U
Naphthalene	UG/KG	0.0	0.00%	13000	42115385	0	0	5	100 U	100 U	81 U	87 U	100 U
Nitrobenzene	UG/KG	0.0	0.00%	200	526442	0	0	5	100 U	100 U	81 U	87 U	100 U
Pentachlorophenol	UG/KG	0.0	0.00%	1000	573237	0	0	5	240 U	250 U	200 U	210 U	250 U
Phenanthrene	UG/KG	35.0	100.00%	50000		0	5	5	26 J	35 J	10 J	12 J	26 J
Phenol	UG/KG	0.0	0.00%	30	631730769	0	0	5	100 U	100 U	81 U	87 U	100 U
Pyrene	UG/KG	54.0	100.00%	50000	31586538	0	5	5	46 J	54 J	15 J	21 J	43 J
TPH	MG/KG	71.4	80.00%			0	4	5 000	69.7	71.4	23.7	19.6 U	62.9

Table 25.5
120J - Semivolatiles and TPH in Soil vs PRG-REC
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump								
LOC ID	SS120J-1	SS120J-1	SS120J-2	SS120J-3	SS120J-4								
SAMP_ID	EB269	EB029	EB270	EB271	EB272								
QC CODE	SA	DU	SA	SA	SA								
SAMP DEPTH TOP	0	0	0	0	0								
SAMP DEPTH BOT	0.2	0.2	0.2	0.2	0.2								
MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL								
SAMP DATE	18-Mar-98	18-Mar-98	18-Mar-98	18-Mar-98	18-Mar-98								
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
1,2,4-Trichlorobenzene	UG/KG	0.0	0.00%	3400	10528846	0	0	5	100 U	100 U	81 U	87 U	100 U
1,2-Dichlorobenzene	UG/KG	0.0	0.00%	7900	94759615	0	0	5	100 U	100 U	81 U	87 U	100 U
1,3-Dichlorobenzene	UG/KG	0.0	0.00%	1600	93706731	0	0	5	100 U	100 U	81 U	87 U	100 U
1,4-Dichlorobenzene	UG/KG	0.0	0.00%	8500	2866186	0	0	5	100 U	100 U	81 U	87 U	100 U
2,4,5-Trichlorophenol	UG/KG	0.0	0.00%	100	105288462	0	0	5	240 U	250 U	200 U	210 U	250 U
2,4,6-Trichlorophenol	UG/KG	0.0	0.00%		6253497	0	0	5	100 U	100 U	81 U	87 U	100 U
2,4-Dichlorophenol	UG/KG	0.0	0.00%	400	3158654	0	0	5	100 U	100 U	81 U	87 U	100 U
2,4-Dimethylphenol	UG/KG	0.0	0.00%		21057692	0	0	5	100 U	100 U	81 U	87 U	100 U
2,4-Dinitrophenol	UG/KG	0.0	0.00%	200	2105769	0	0	5	240 U	250 U	200 U	210 U	250 U
2,4-Dinitrotoluene	UG/KG	0.0	0.00%		2105769	0	0	5	100 U	100 U	81 U	87 U	100 U
2,6-Dinitrotoluene	UG/KG	0.0	0.00%	1000	1052885	0	0	5	100 U	100 U	81 U	87 U	100 U
2-Chloronaphthalene	UG/KG	0.0	0.00%			0	0	5	100 U	100 U	81 U	87 U	100 U
2-Chlorophenol	UG/KG	0.0	0.00%	800	5264423	0	0	5	100 U	100 U	81 U	87 U	100 U
2-Methylnaphthalene	UG/KG	0.0	0.00%	36400		0	0	5	100 U	100 U	81 U	87 U	100 U
2-Methylphenol	UG/KG	0.0	0.00%	100	52644231	0	0	5	100 U	100 U	81 U	87 U	100 U
2-Nitroaniline	UG/KG	0.0	0.00%	430	63173	0	0	5	240 U	250 U	200 U	210 U	250 U
2-Nitrophenol	UG/KG	0.0	0.00%	330		0	0	5	100 U	100 U	81 U	87 U	100 U
3,3-Dichlorobenzidine	UG/KG	0.0	0.00%		152863	0	0	5	100 U	100 U	81 U	87 U	100 U
3-Nitroaniline	UG/KG	0.0	0.00%	500	3158654	0	0	5	240 U	250 U	200 U	210 U	250 U
4,6-Dinitro-2-methylphenol	UG/KG	0.0	0.00%			0	0	5	240 U	250 U	200 U	210 U	250 U
4-Bromophenyl phenyl ether	UG/KG	0.0	0.00%		61067308	0	0	5	100 U	100 U	81 U	87 U	100 U
4-Chloro-3-methylphenol	UG/KG	0.0	0.00%	240		0	0	5	100 U	100 U	81 U	87 U	100 U
4-Chloroaniline	UG/KG	0.0	0.00%	220	4211538	0	0	5	100 U	100 U	81 U	87 U	100 U
4-Chlorophenyl phenyl ether	UG/KG	0.0	0.00%			0	0	5	100 U	100 U	81 U	87 U	100 U
4-Methylphenol	UG/KG	0.0	0.00%	900		0	0	5	100 U	100 U	81 U	87 U	100 U
4-Nitroaniline	UG/KG	0.0	0.00%		3158654	0	0	5	240 U	250 U	200 U	210 U	250 U
4-Nitrophenol	UG/KG	0.0	0.00%	100	63173077	0	0	5	240 U	250 U	200 U	210 U	250 U
Acenaphthene	UG/KG	0.0	0.00%	50000		0	0	5	100 U	100 U	81 U	87 U	100 U
Acenaphthylene	UG/KG	0.0	0.00%	41000		0	0	5	100 U	100 U	81 U	87 U	100 U
Anthracene	UG/KG	0.0	0.00%	50000	315865385	0	0	5	100 U	100 U	81 U	87 U	100 U
Benzo[a]anthracene	UG/KG	22.0	100.00%	224	94231	0	5	5	19 J	22 J	8.8 J	7.6 J	18 J
Benzo[a]pyrene	UG/KG	23.0	100.00%	61	9423	0	5	5	21 J	23 J	10 J	9 J	21 J
Benzo[b]fluoranthene	UG/KG	30.0	100.00%	1100	94231	0	5	5	24 J	28 J	14 J	17 J	30 J
Benzo[ghi]perylene	UG/KG	20.0	100.00%	50000		0	5	5	17 J	19 J	12 J	9.6 J	20 J
Benzo[k]fluoranthene	UG/KG	27.0	100.00%	1100	942308	0	5	5	27 J	27 J	15 J	10 J	23 J
Bis(2-Chloroethoxy)methane	UG/KG	0.0	0.00%			0	0	5	100 U	100 U	81 U	87 U	100 U
Bis(2-Chloroethyl)ether	UG/KG	0.0	0.00%		62535	0	0	5	100 U	100 U	81 U	87 U	100 U
Bis(2-Chloroisopropyl)ether	UG/KG	0.0	0.00%		982692	0	0	5	100 U	100 U	81 U	87 U	100 U
Bis(2-Ethylhexyl)phthalate	UG/KG	14.0	100.00%	50000	4913462	0	5	5	12 JB	12 JB	10 JB	14 JB	11 JB
Butylbenzylphthalate	UG/KG	8.1	20.00%	50000	210576923	0	1	5	100 U	100 U	81 U	8.1 J	100 U
Carbazole	UG/KG	6.6	20.00%		3439423	0	1	5	6.6 J	100 U	81 U	87 U	100 U
Chrysene	UG/KG	33.0	100.00%	400	9423077	0	5	5	28 J	33 J	17 J	15 J	30 J
Di-n-butylphthalate	UG/KG	0.0	0.00%	8100		0	0	5	100 U	100 U	81 U	87 U	100 U
Di-n-octylphthalate	UG/KG	0.0	0.00%	50000	21057692	0	0	5	100 U	100 U	81 U	87 U	100 U
Dibenz[a,h]anthracene	UG/KG	8.7	80.00%	14	9423	0	4	5	100 U	8.7 J	6.3 J	6 J	7.4 J
Dibenzofuran	UG/KG	0.0	0.00%	6200	4211538	0	0	5	100 U	100 U	81 U	87 U	100 U
Diethyl phthalate	UG/KG	34.0	100.00%	7100	842307692	0	5	5	34 J	7.3 J	4.2 J	7.5 J	7 J
Dimethylphthalate	UG/KG	0.0	0.00%	2000	10528846150	0	0	5	100 U	100 U	81 U	87 U	100 U
Fluoranthene	UG/KG	55.0	100.00%	50000	42115385	0	5	5	46 J	55 J	18 J	20 J	45 J
Fluorene	UG/KG	0.0	0.00%	50000	42115385	0	0	5	100 U	100 U	81 U	87 U	100 U
Hexachlorobenzene	UG/KG	0.0	0.00%	410	42993	0	0	5	100 U	100 U	81 U	87 U	100 U
Hexachlorobutadiene	UG/KG	0.0	0.00%		210577	0	0	5	100 U	100 U	81 U	87 U	100 U
Hexachlorocyclopentadiene	UG/KG	0.0	0.00%		7370192	0	0	5	100 U	100 U	81 U	87 U	100 U
Hexachloroethane	UG/KG	0.0	0.00%		1052885	0	0	5	100 U	100 U	81 U	87 U	100 U
Indeno[1,2,3-cd]pyrene	UG/KG	18.0	100.00%	3200	94231	0	5	5	15 J	18 J	11 J	8 J	17 J
Isophorone	UG/KG	0.0	0.00%	4400		0	0	5	100 U	100 U	81 U	87 U	100 U
N-Nitrosodiphenylamine	UG/KG	0.0	0.00%		14038462	0	0	5	100 U	100 U	81 U	87 U	100 U
N-Nitrosodipropylamine	UG/KG	0.0	0.00%		9827	0	0	5	100 U	100 U	81 U	87 U	100 U

Table 25-5
120J - Semivolatiles and TPH in Soil vs PRG-REC
Non-Evaluated EBS Sites

SITE DESCRIPTION				SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump			
LOC ID	SAMP_ID	QC CODE	SAMP_DEPTH TOP	SAMP_DEPTH BOT	MATRIX	SAMP DATE	FREQUENCY OF	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG										
Naphthalene	UG/KG	0.0	0.00%	13000	42115385		0	0	5	100 U	100 U	81 U	87 U	100 U	100 U
Nitrobenzene	UG/KG	0.0	0.00%	200	526442		0	0	5	100 U	100 U	81 U	87 U	100 U	100 U
Pentachlorophenol	UG/KG	0.0	0.00%	1000	573237		0	0	5	240 U	250 U	200 U	210 U	250 U	250 U
Phenanthrene	UG/KG	35.0	100.00%	50000			0	5	5	26 J	35 J	10 J	12 J	26 J	26 J
Phenol	UG/KG	0.0	0.00%	30	631730769		0	0	5	100 U	100 U	81 U	87 U	100 U	100 U
Pyrene	UG/KG	54.0	100.00%	50000	31586538		0	5	5	46 J	54 J	15 J	21 J	43 J	43 J
TPH	MG/KG	71.4	80.00%				0	4	5 000	69.7	71.4	23.7	19.6 U	62.9	62.9

Table 25-6
120J - Metals in Soil vs TAGM
Non-Evaluated EBS Sites

2/17/99

SITE:
DESCRIPTION:

LOC ID:
SAMP_ID:
QC CODE:
SAMP. DEPTH TOP:
SAMP. DEPTH BOT:
MATRIX:
SAMP DATE:

SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump
SS120J-1	SS120J-1	SS120J-2	SS120J-3	SS120J-4
EB269	EB029	EB270	EB271	EB272
SA	DU	SA	SA	SA
0	0	0	0	0
0.2	0.2	0.2	0.2	0.2
SOIL	SOIL	SOIL	SOIL	SOIL
18-Mar-98	18-Mar-98	18-Mar-98	18-Mar-98	18-Mar-98

PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
Aluminum	MG/KG	16400.0	100.00%	19520	1052885	0	5	5	14800	14500	11100	16400	15700
Antimony	MG/KG	0.0	0.00%	6	421	0	0	5	3.2 UN	3.3 UN	2.7 UN	2.8 UN	3.3 UN
Arsenic	MG/KG	5.6	100.00%	8.9	46	0	5	5	4.1 N*	3.6 N*	3.6 N*	4.3 N*	5.6 N*
Banum	MG/KG	154.0	100.00%	300	73702	0	5	5	154	142	73.6	50.6 B	132
Beryllium	MG/KG	0.8	100.00%	1.13	16	0	5	5	0.76 B	0.76 B	0.44 B	0.64 B	0.58 B
Cadmium	MG/KG	0.0	0.00%	2.46	526	0	0	5	0.21 U	0.21 U	0.17 U	0.18 U	0.21 U
Calcium	MG/KG	8620.0	100.00%	125300	0	0	5	5	8050	8620	5760	2760	6150
Chromium	MG/KG	29.8	100.00%	30	1052885	0	5	5	24.2	23.2	18.0	29.8	23.8
Cobalt	MG/KG	15.3	100.00%	30	63173	0	5	5	11.2 B	10.5 B	10.7 B	15.3	13.7 B
Copper	MG/KG	61.8	100.00%	33	42115	1	5	5	21.1	21.7	17.4	61.8	24.9
Cyanide	MG/KG	0.0	0.00%	0.35	0	0	0	5	0.80 U	0.84 U	0.64 U	0.69 U	0.82 U
Iron	MG/KG	33000.0	100.00%	37410	315865	0	5	5	28300	27300	22500	33000	28200
Lead	MG/KG	144.0	100.00%	24.4	0	5	5	5	144	115	34.4	144	31.8
Magnesium	MG/KG	6690.0	100.00%	21700	0	5	5	5	4670	4420	4290	6690	4690
Manganese	MG/KG	823.0	100.00%	1100	24216	0	5	5	420	401	427	324	823
Mercury	MG/KG	0.1	20.00%	0.1	318	0	1	5	0.07 U	0.07 U	0.05 U	0.06 U	0.08 B
Nickel	MG/KG	47.3	100.00%	50	21058	0	5	5	34.3	33.0	28.7	47.3	34.6
Potassium	MG/KG	2270.0	100.00%	2623	0	0	5	5	1920	1960	1230 B	2080	2270
Selenium	MG/KG	1.6	20.00%	2	5264	0	1	5	1.6 N	1.4 UN	1.2 UN	1.2 UN	1.4 UN
Silver	MG/KG	0.0	0.00%	0.8	5264	0	0	5	1.1 U	1.2 U	0.94 U	0.98 U	1.2 U
Sodium	MG/KG	0.0	0.00%	188	0	0	0	5	252 U	256 U	208 U	217 U	256 U
Thallium	MG/KG	0.0	0.00%	0.855	84	0	0	5	1.9 U	1.9 U	1.6 U	1.6 U	1.9 U
Vanadium	MG/KG	25.0	100.00%	150	7370	0	5	5	21.7	21.2	17.4	22.9	25.0
Zinc	MG/KG	233.0	100.00%	115	315865	1	5	5	93.2	91.2	82.6	115	114

Table 25-7
120J - Metals in Soil vs PRG-REC
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump			
LOC ID		SS120J-1		SS120J-1		SS120J-2		SS120J-3		SS120J-4			
SAMP_ID		EB269		EB029		EB270		EB271		EB272			
QC CODE		SA		DU		SA		SA		SA			
SAMP_DEPTH TOP		0		0		0		0		0			
SAMP_DEPTH BOT		0.2		0.2		0.2		0.2		0.2			
MATRIX		SOIL		SOIL		SOIL		SOIL		SOIL			
SAMP DATE		18-Mar-98		18-Mar-98		18-Mar-98		18-Mar-98		18-Mar-98			
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE Q	VALUE O	VALUE Q	VALUE Q	VALUE Q
Aluminum	MG/KG	16400 0	100 00%	19520	1052885	0	5	5	14800	14500	11100	16400	15700
Antimony	MG/KG	0 0	0 00%	6	421	0	0	5	3 2 UN	3 3 UN	2 7 UN	2 8 UN	3 3 UN
Arsenic	MG/KG	5 6	100 00%	8 9	46	0	5	5	4 1 N*	3 6 N*	3 6 N*	4 3 N*	5 6 N*
Barium	MG/KG	154 0	100 00%	300	73702	0	5	5	154	142	73 6	50 6 B	132
Beryllium	MG/KG	0 8	100 00%	1 13	16	0	5	5	0 76 B	0 76 B	0 44 B	0 64 B	0 58 B
Cadmium	MG/KG	0 0	0 00%	2 46	526	0	0	5	0 21 U	0 21 U	0 17 U	0 18 U	0 21 U
Calcium	MG/KG	8620 0	100 00%	125300	0	0	5	5	8050	8620	5760	2760	6150
Chromium	MG/KG	29 8	100 00%	30	1052885	0	5	5	24 2	23 2	18 0	29 8	23 8
Cobalt	MG/KG	15 3	100 00%	30	63173	0	5	5	11 2 B	10 5 B	10 7 B	15 3	13 7 B
Copper	MG/KG	61 8	100 00%	33	42115	0	5	5	21 1	21 7	17 4	61 8	24 9
Cyanide	MG/KG	0 0	0 00%	0 35	0	0	0	5	0 80 U	0 84 U	0 64 U	0 69 U	0 82 U
Iron	MG/KG	33000 0	100 00%	37410	315865	0	5	5	28300	27300	22500	33000	28200
Lead	MG/KG	144 0	100 00%	24 4	0	0	5	5	144 *	115 *	38 4 *	29 9 *	32 8 *
Magnesium	MG/KG	6690 0	100 00%	21700	0	0	5	5	4670	4420	4290	6690	4690
Manganese	MG/KG	823 0	100 00%	1100	24216	0	5	5	420	401	427	324	823
Mercury	MG/KG	0 1	20 00%	0 1	316	0	1	5	0 07 U	0 07 U	0 05 U	0 06 U	0 08 B
Nickel	MG/KG	47 3	100 00%	50	21058	0	5	5	34 3	33 0	28 7	47 3	34 6
Potassium	MG/KG	2270 0	100 00%	2623	0	0	5	5	1920	1960	1230 B	2080	2270
Selenium	MG/KG	1 6	20 00%	2	5264	0	1	5	1 6 N	1 4 UN	1 2 UN	1 2 UN	1 4 UN
Silver	MG/KG	0 0	0 00%	0 8	5264	0	0	5	1 1 U	1 2 U	0 94 U	0 98 U	1 2 U
Sodium	MG/KG	0 0	0 00%	188	0	0	0	5	252 U	256 U	208 U	217 U	256 U
Thallium	MG/KG	0 0	0 00%	0 855	84	0	0	5	1 9 U	1 9 U	1 6 U	1 6 U	1 9 U
Vanadium	MG/KG	25 0	100 00%	150	7370	0	5	5	21 7	21 2	17 4	22 9	25 0
Zinc	MG/KG	233 0	100 00%	115	315865	0	5	5	93 2	91 2	82 6	233	114

Table 25-8
120J - Pesticides/PCB in Soil vs TAGM
Non-Evaluated EBS Sites

SITE DESCRIPTION		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump					
LOC ID	SAMP_ID	QC CODE	SAMP DEPTH TOP	SAMP DEPTH BOT	MATRIX	SAMP DATE	FREQUENCY OF	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG										
4.4 -DDD	UG/KG	0.0	0.00%	2900	286619		0	0	5	5	5 U	5.1 U	4.1 U	4.3 U	5.1 U
4.4 -DDE	UG/KG	2.2	20.00%	2100	202319		0	1	5	5	5 U	5.1 U	4.1 U	2.2 J	5.1 U
4.4 -DDT	UG/KG	4.3	40.00%	2100	202319		0	2	5	5	5 U	5.1 U	2.7 J	4.3 J	5.1 U
Aldrin	UG/KG	0.0	0.00%	41	4046		0	0	5	2.6	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Alpha-BHC	UG/KG	0.0	0.00%	110			0	0	5	2.6	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Alpha-Chlordane	UG/KG	0.0	0.00%				0	0	5	2.6	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Aroclor-1016	UG/KG	0.0	0.00%		73702		0	0	5	50	50 U	51 U	41 U	43 U	51 U
Aroclor-1221	UG/KG	0.0	0.00%				0	0	5	100	100 U	100 U	83 U	88 U	100 U
Aroclor-1232	UG/KG	0.0	0.00%				0	0	5	50	50 U	51 U	41 U	43 U	51 U
Aroclor-1242	UG/KG	0.0	0.00%				0	0	5	50	50 U	51 U	41 U	43 U	51 U
Aroclor-1248	UG/KG	0.0	0.00%				0	0	5	50	50 U	51 U	41 U	43 U	51 U
Aroclor-1254	UG/KG	0.0	0.00%	10000	21058		0	0	5	50	50 U	51 U	41 U	43 U	51 U
Aroclor-1260	UG/KG	0.0	0.00%	10000			0	0	5	50	50 U	51 U	41 U	43 U	51 U
Beta-BHC	UG/KG	0.0	0.00%	200			0	0	5	2.6	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Delta-BHC	UG/KG	0.0	0.00%	300			0	0	5	2.6	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Dieldrin	UG/KG	0.0	0.00%	44	4299		0	0	5	5	5 U	5.1 U	4.1 U	4.3 U	5.1 U
Endosulfan I	UG/KG	0.0	0.00%	900	6317308		0	0	5	2.6	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Endosulfan II	UG/KG	0.0	0.00%	900	6317308		0	0	5	5	5 U	5.1 U	4.1 U	4.3 U	5.1 U
Endosulfan sulfate	UG/KG	0.0	0.00%	1000			0	0	5	5	5 U	5.1 U	4.1 U	4.3 U	5.1 U
Endrin	UG/KG	0.0	0.00%	100	315865		0	0	5	5	5 U	5.1 U	4.1 U	4.3 U	5.1 U
Endrin aldehyde	UG/KG	0.0	0.00%		315865		0	0	5	5	5 U	5.1 U	4.1 U	4.3 U	5.1 U
Endrin ketone	UG/KG	0.0	0.00%		315865		0	0	5	5	5 U	5.1 U	4.1 U	4.3 U	5.1 U
Gamma-BHC/Lindane	UG/KG	0.0	0.00%	60	52914		0	0	5	2.6	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Gamma-Chlordane	UG/KG	0.0	0.00%	540			0	0	5	2.6	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Heptachlor	UG/KG	0.0	0.00%	100	15286		0	0	5	2.6	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Heptachlor epoxide	UG/KG	0.0	0.00%	20	7559		0	0	5	2.6	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Methoxychlor	UG/KG	0.0	0.00%		5264423		0	0	5	2.6	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Toxaphene	UG/KG	0.0	0.00%				0	0	5	260	260 U	260 U	210 U	220 U	260 U

Table 25-9
120J - Pesticides/PCB in Soil vs PRG-REC
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump			
LOC ID	SS120J-1	SS120J-1	SS120J-2	SS120J-3	SS120J-4								
SAMP_ID	EB269	EB029	EB270	EB271	EB272								
QC CODE	SA	DU	SA	SA	SA								
SAMP_DEPTH TOP	0	0	0	0	0								
SAMP_DEPTH BOT	0.2	0.2	0.2	0.2	0.2								
MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL								
SAMP DATE	18-Mar-98	18-Mar-98	18-Mar-98	18-Mar-98	18-Mar-98								
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
4.4 -DDD	UG/KG	0.0	0.00%	2900	286619	0	0	5	5 U	5.1 U	4.1 U	4.3 U	5.1 U
4.4 -DDE	UG/KG	2.2	20.00%	2100	202319	0	1	5	5 U	5.1 U	4.1 U	2.2 J	5.1 U
4.4 -DDT	UG/KG	4.3	40.00%	2100	202319	0	2	5	5 U	5.1 U	2.7 J	4.3 J	5.1 U
Aldnn	UG/KG	0.0	0.00%	41	4046	0	0	5	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Alpha-BHC	UG/KG	0.0	0.00%	110		0	0	5	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Alpha-Chlordane	UG/KG	0.0	0.00%			0	0	5	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Aroclor-1016	UG/KG	0.0	0.00%		73702	0	0	5	50 U	5.1 U	4.1 U	4.3 U	5.1 U
Aroclor-1221	UG/KG	0.0	0.00%			0	0	5	100 U	100 U	83 U	88 U	100 U
Aroclor-1232	UG/KG	0.0	0.00%			0	0	5	50 U	5.1 U	4.1 U	4.3 U	5.1 U
Aroclor-1242	UG/KG	0.0	0.00%			0	0	5	50 U	5.1 U	4.1 U	4.3 U	5.1 U
Aroclor-1248	UG/KG	0.0	0.00%			0	0	5	50 U	5.1 U	4.1 U	4.3 U	5.1 U
Aroclor-1254	UG/KG	0.0	0.00%	10000	21058	0	0	5	50 U	5.1 U	4.1 U	4.3 U	5.1 U
Aroclor-1260	UG/KG	0.0	0.00%	10000		0	0	5	50 U	5.1 U	4.1 U	4.3 U	5.1 U
Beta-BHC	UG/KG	0.0	0.00%	200		0	0	5	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Delta-BHC	UG/KG	0.0	0.00%	300		0	0	5	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Dieldnn	UG/KG	0.0	0.00%	44	4299	0	0	5	5 U	5.1 U	4.1 U	4.3 U	5.1 U
Endosulfan I	UG/KG	0.0	0.00%	900	6317308	0	0	5	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Endosulfan II	UG/KG	0.0	0.00%	900	6317308	0	0	5	5 U	5.1 U	4.1 U	4.3 U	5.1 U
Endosulfan sulfate	UG/KG	0.0	0.00%	1000		0	0	5	5 U	5.1 U	4.1 U	4.3 U	5.1 U
Endrin	UG/KG	0.0	0.00%	100	315865	0	0	5	5 U	5.1 U	4.1 U	4.3 U	5.1 U
Endrin aldehyde	UG/KG	0.0	0.00%		315865	0	0	5	5 U	5.1 U	4.1 U	4.3 U	5.1 U
Endrin ketone	UG/KG	0.0	0.00%		315865	0	0	5	5 U	5.1 U	4.1 U	4.3 U	5.1 U
Gamma-BHC/Lindane	UG/KG	0.0	0.00%	60	52914	0	0	5	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Gamma-Chlordane	UG/KG	0.0	0.00%	540		0	0	5	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Heptachlor	UG/KG	0.0	0.00%	100	15286	0	0	5	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Heptachlor epoxide	UG/KG	0.0	0.00%	20	7559	0	0	5	2.6 U	2.6 U	2.1 U	2.2 U	2.6 U
Methoxychlor	UG/KG	0.0	0.00%		5264423	0	0	5	26 U	26 U	21 U	22 U	26 U
Toxaphene	UG/KG	0.0	0.00%			0	0	5	260 U	260 U	210 U	220 U	260 U

Table 25-10
120J - Herbicides in Soil vs TAGM
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION						SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump		SEAD-120J Farmer's Dump	
LOC ID						SS120J-1		SS120J-1		SS120J-2		SS120J-3		SS120J-4	
SAMP_ID						EB269		EB029		EB270		EB271		EB272	
QC CODE						SA		DU		SA		SA		SA	
SAMP DEPTH TOP						0		0		0		0		0	
SAMP DEPTH BOT						0.2		0.2		0.2		0.2		0.2	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL	
SAMP DATE						18-Mar-98		18-Mar-98		18-Mar-98		18-Mar-98		18-Mar-98	
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	
2,4,5-T	UG/KG	0	0.00%	1900		0	0	5	7.3 U	7.4 U	5.9 U	6.3 U	7.3 U	7.3 U	
2,4,5-TP/Silvex	UG/KG	0	0.00%	700		0	0	5	7.3 U	7.4 U	5.9 U	6.3 U	7.3 U	7.3 U	
2,4-D	UG/KG	0	0.00%	500		0	0	5	71 U	72 U	58 U	62 U	71 U	71 U	
2,4-DB	UG/KG	0	0.00%			0	0	5	73 U	74 U	59 U	63 U	73 U	73 U	
3,5-Dichlorobenzoic acid	UG/KG	0	0.00%			0	0	5	71 U	72 U	58 U	62 U	71 U	71 U	
Dalapon	UG/KG	0	0.00%			0	0	5	390 U	400 U	320 U	340 U	390 U	390 U	
Dicamba	UG/KG	0	0.00%			0	0	5	7.1 U	7.2 U	5.8 U	6.2 U	7.1 U	7.1 U	
Dichloroprop	UG/KG	0	0.00%			0	0	5	71 U	72 U	58 U	62 U	71 U	71 U	
Dinoseb	UG/KG	0	0.00%			0	0	5	36 U	37 U	30 U	32 U	36 U	36 U	
MCPA	UG/KG	0	0.00%			0	0	5	7100 U	7200 U	5800 U	6200 U	7100 U	7100 U	
MCPP	UG/KG	0	0.00%			0	0	5	7100 U	7200 U	5800 U	6200 U	7100 U	7100 U	
Pentachlorophenol	UG/KG	0	0.00%	1000	573237	0	0	5	26 U	26 U	21 U	22 U	26 U	26 U	
Picloram	UG/KG	0	0.00%		73701923	0	0	5	7.3 U	7.4 U	5.9 U	6.3 U	7.3 U	7.3 U	

Table 25-11
120J - Herbicides in Soil vs PRG-REC
Non-Evaluated EBS Sites

2/17/99

SITE DESCRIPTION							SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump	SEAD-120J Farmer's Dump		
LOC ID	SAMP_ID						SS120J-1 EB269	SS120J-1 EB029	SS120J-2 EB270	SS120J-3 EB271	SS120J-4 EB272		
QC CODE	SAMP_DEPTH TOP						SA	DU	SA	SA	SA		
SAMP_DEPTH BOT	MATRIX						0	0	0	0	0		
SAMP_DATE		FREQUENCY OF				0.2	0.2	0.2	0.2	0.2			
		DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SOIL	SOIL	SOIL	SOIL	SOIL	
								18-Mar-98	18-Mar-98	18-Mar-98	18-Mar-98	18-Mar-98	
PARAMETER	UNIT	MAXIMUM						VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	
2,4,5-T	UG/KG	0	0.00%	1900		0	0	5	7.3 U	7.4 U	5.9 U	6.3 U	7.3 U
2,4,5-TP/Silvex	UG/KG	0	0.00%	700		0	0	5	7.3 U	7.4 U	5.9 U	6.3 U	7.3 U
2,4-D	UG/KG	0	0.00%	500		0	0	5	71 U	72 U	58 U	62 U	71 U
2,4-DB	UG/KG	0	0.00%			0	0	5	73 U	74 U	59 U	63 U	73 U
3,5-Dichlorobenzoic acid	UG/KG	0	0.00%			0	0	5	71 U	72 U	58 U	62 U	71 U
Dalapon	UG/KG	0	0.00%			0	0	5	390 U	400 U	320 U	340 U	390 U
Dicamba	UG/KG	0	0.00%			0	0	5	7.1 U	7.2 U	5.8 U	6.2 U	7.1 U
Dichloroprop	UG/KG	0	0.00%			0	0	5	71 U	72 U	58 U	62 U	71 U
Dinoseb	UG/KG	0	0.00%			0	0	5	36 U	37 U	30 U	32 U	36 U
MCPA	UG/KG	0	0.00%			0	0	5	7100 U	7200 U	5800 U	6200 U	7100 U
MCPP	UG/KG	0	0.00%			0	0	5	7100 U	7200 U	5800 U	6200 U	7100 U
Pentachlorophenol	UG/KG	0	0.00%	1000	573237	0	0	5	26 U	26 U	21 U	22 U	26 U
Picloram	UG/KG	0	0.00%		73701923	0	0	5	7.3 U	7.4 U	5.9 U	6.3 U	7.3 U

SEAD-121B

Building 325 PCB Oil Spill

Table 27-1

Sample Collection Information
SEAD-121B - Building 325 PCB Oil Spill

9 Low Priority EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	SB121B-1	EB212	3/7/98	0.00	0.20	SA	Location is a potential run-off area next to loading ramp to Bldg. 325. Surface soil sample.
SOIL	SB121B-1	EB213	3/7/98	4.00	4.50	SA	Same location as above. Approx. mid-depth sample at water table. No VOC's or impact to soils detected.
SURFACE SOIL	SS121B-1	EB238	3/9/98	0.00	0.20	SA	Location is a drainage ditch downgradient of loading ramp to Bldg. 325.
SURFACE SOIL	SS121B-2	EB239	3/9/98	0.00	0.20	SA	Location is next to steps to loading platform at Bldg. 325.
SURFACE SOIL	SS121B-3	EB240	3/9/98	0.00	0.20	SA	Location is a downgradient ditch between Bldg. 325 and adjacent railroad line.

SA = Sample

Table 27-2
SEAD-121B - Volatiles in Soil vs NYTAGM
Non-Evaluated Sites

2/17/99

SITE						SEAD-121B		SEAD-121B		SEAD-121B		SEAD-121B		SEAD-121B	
DESCRIPTION						Bldg. 325		Bldg. 325		Bldg. 325		Bldg. 325		Bldg. 325	
LOC ID						PCB Oil Spill		PCB Oil Spill		PCB Oil Spill		PCB Oil Spill		PCB Oil Spill	
SAMP_ID						SB121B-1		SB121B-1		SS121B-1		SS121B-2		SS121B-3	
QC CODE						EB212		EB213		EB238		EB239		EB240	
SAMP DETH TOP						SA		SA		SA		SA		SA	
SAMP DEPTH BOT						0		4		0		0		0	
MATRIX						0.2		4.5		0.2		0.2		0.2	
SAMP DATE						SOIL		SOIL		SOIL		SOIL		SOIL	
		FREQUENCY				7-Mar-98		7-Mar-98		9-Mar-98		9-Mar-98		9-Mar-98	
		OF													
		TAGM				NUMBER		NUMBER		NUMBER		NUMBER		NUMBER	
		OF				ABOVE		OF		OF		OF		OF	
		TAGM				DETECTS		DETECTS		ANALYSES		ANALYSES		ANALYSES	
		TAGM				VALUE		VALUE		VALUE		VALUE		VALUE	
		Q				Q		Q		Q		Q		Q	
PARAMETER		UNIT		MAXIMUM		DETECTION		TAGM		PRG-IND		VALUE		Q	
1,1,1-Trichloroethane	UG/KG	0	0.00%	800	18396000	0	0	5	14 U	12 U	16 U	14 U	11 U		
1,1,2,2-Tetrachloroethane	UG/KG	0	0.00%	600	286160	0	0	5	14 U	12 U	16 U	14 U	11 U		
1,1,2-Trichloroethane	UG/KG	0	0.00%	100407	100407	0	0	5	14 U	12 U	16 U	14 U	11 U		
1,1-Dichloroethane	UG/KG	0	0.00%	200	52560000	0	0	5	14 U	12 U	16 U	14 U	11 U		
1,1-Dichloroethane	UG/KG	0	0.00%	400	9539	0	0	5	14 U	12 U	16 U	14 U	11 U		
1,2-Dichloroethane	UG/KG	0	0.00%	100	62892	0	0	5	14 U	12 U	16 U	14 U	11 U		
1,2-Dichloroethane (total)	UG/KG	0	0.00%			0	0	5	14 U	12 U	16 U	14 U	11 U		
1,2-Dichloropropane	UG/KG	0	0.00%		84165	0	0	5	14 U	12 U	16 U	14 U	11 U		
Acetone	UG/KG	14	20.00%	200	52560000	0	1	5	14 J	12 U	16 U	14 U	11 U		
Benzene	UG/KG	0	0.00%	60	197352	0	0	5	14 U	12 U	16 U	14 U	11 U		
Bromodichloromethane	UG/KG	0	0.00%		92310	0	0	5	14 U	12 U	16 U	14 U	11 U		
Bromoform	UG/KG	0	0.00%		724456	0	0	5	14 U	12 U	16 U	14 U	11 U		
Carbon disulfide	UG/KG	0	0.00%	2700	52560000	0	0	5	14 U	12 U	16 U	14 U	11 U		
Carbon tetrachloride	UG/KG	0	0.00%	600	44025	0	0	5	14 U	12 U	16 U	14 U	11 U		
Chlorobenzene	UG/KG	0	0.00%	1700	10512000	0	0	5	14 U	12 U	16 U	14 U	11 U		
Chlorodibromomethane	UG/KG	0	0.00%		68133	0	0	5	14 U	12 U	16 U	14 U	11 U		
Chloroethane	UG/KG	0	0.00%	1900	210240000	0	0	5	14 U	12 U	16 U	14 U	11 U		
Chloroform	UG/KG	0	0.00%	300	938230	0	0	5	14 U	12 U	16 U	14 U	11 U		
Cis-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	5	14 U	12 U	16 U	14 U	11 U		
Ethyl benzene	UG/KG	0	0.00%	5500	52560000	0	0	5	14 U	12 U	16 U	14 U	11 U		
Methyl bromide	UG/KG	0	0.00%		751608	0	0	5	14 U	12 U	16 U	14 U	11 U		
Methyl butyl ketone	UG/KG	0	0.00%			0	0	5	14 U	12 U	16 U	14 U	11 U		
Methyl chloride	UG/KG	0	0.00%		440246	0	0	5	14 U	12 U	16 U	14 U	11 U		
Methyl ethyl ketone	UG/KG	0	0.00%	300		0	0	5	14 U	12 U	16 U	14 U	11 U		
Methyl isobutyl ketone	UG/KG	0	0.00%	1000	42048000	0	0	5	14 U	12 U	16 U	14 U	11 U		
Methylene chloride	UG/KG	0	0.00%	100	763093	0	0	5	14 U	12 U	16 U	14 U	11 U		
Styrene	UG/KG	0	0.00%			0	0	5	14 U	12 U	16 U	14 U	11 U		
Tetrachloroethene	UG/KG	0	0.00%	1400	110052	0	0	5	14 U	12 U	16 U	14 U	11 U		
Toluene	UG/KG	20	100.00%	1500	105120000	0	5	5	6 J	7 J	4 J	2 J	20		
Total Xylenes	UG/KG	0	0.00%	1200	1051200000	0	0	5	14 U	12 U	16 U	14 U	11 U		
Trans-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	5	14 U	12 U	16 U	14 U	11 U		
Trichloroethene	UG/KG	0	0.00%	700	520291	0	0	5	14 U	12 U	16 U	14 U	11 U		
Vinyl chloride	UG/KG	0	0.00%	200	3012	0	0	5	14 U	12 U	16 U	14 U	11 U		

Table 27.3
SEAD-121B- Volatiles in Soil vs PRG-IND
Non-Evaluated Sites

SITE	DESCRIPTION	LOC ID	SAMP ID	QC CODE	SAMP DEPTH TOP	SAMP DEPTH BOT	MATRIX	SAMP DATE	SEAD-121B Bldg 325 PCB Oil Spill		SEAD-121B Bldg 325 PCB Oil Spill		SEAD-121B Bldg 325 PCB Oil Spill		SEAD-121B Bldg 325 PCB Oil Spill		SEAD-121B Bldg 325 PCB Oil Spill				
									SB121B-1 EB212 SA	0 0.2	SOIL	7-Mar-98	SB121B-1 EB213 SA	4 4.5	SOIL	7-Mar-98	SS121B-1 EB238 SA	0 0.2	SOIL	9-Mar-98	SS121B-2 EB239 SA
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DEFLECTION	LAGM	PRG-IND	NUMBER ABOVE LAGM	NUMBER OF DEFLECTIONS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q			
1,1,1-Trichloroethane	UG/KG	0	0.00%	800	18396000	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
1,1,2,2-Tetrachloroethane	UG/KG	0	0.00%	600	286160	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
1,1,2-Trichloroethane	UG/KG	0	0.00%		100407	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
1,1-Dichloroethane	UG/KG	0	0.00%	200	52560000	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
1,1-Dichloroethene	UG/KG	0	0.00%	400	9539	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
1,2-Dichloroethane	UG/KG	0	0.00%	100	62892	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
1,2-Dichloroethene (total)	UG/KG	0	0.00%			0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
1,2-Dichloropropane	UG/KG	0	0.00%		84165	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Acetone	UG/KG	14	20.00%	200	52560000	0	1	5	14 J	12 U			16 U		14 U		14 U		11 U		11 U
Benzene	UG/KG	0	0.00%	60	197352	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Bromodichloromethane	UG/KG	0	0.00%		92310	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Bromoform	UG/KG	0	0.00%		724456	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Carbon disulfide	UG/KG	0	0.00%	2700	52560000	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Carbon tetrachloride	UG/KG	0	0.00%	600	44025	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Chlorobenzene	UG/KG	0	0.00%	1700	10512000	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Chlorodibromomethane	UG/KG	0	0.00%		68133	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Chloroethane	UG/KG	0	0.00%	1900	21024000	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Chloroform	UG/KG	0	0.00%	300	938230	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Cis-1,2-Dichloropropene	UG/KG	0	0.00%			0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Ethyl benzene	UG/KG	0	0.00%	5500	52560000	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Methyl bromide	UG/KG	0	0.00%		751608	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Methyl butyl ketone	UG/KG	0	0.00%			0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Methyl chloride	UG/KG	0	0.00%		440246	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Methyl ethyl ketone	UG/KG	0	0.00%	300		0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Methyl isobutyl ketone	UG/KG	0	0.00%	1000	42048000	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Methylene chloride	UG/KG	0	0.00%	100	763093	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Styrene	UG/KG	0	0.00%			0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Tetrachloroethene	UG/KG	0	0.00%	1400	110062	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Toluene	UG/KG	20	100.00%	1500	105120000	0	5	5	6 J	7 J			4 J		2 J		20				
Total Xylenes	UG/KG	0	0.00%	1200	1051200000	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Trans-1,2-Dichloropropene	UG/KG	0	0.00%			0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Trichloroethene	UG/KG	0	0.00%	700	520291	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U
Vinyl chloride	UG/KG	0	0.00%	200	3012	0	0	5	14 U	12 U			16 U		14 U		14 U		11 U		11 U

Table 27-4
SEAD-121B-Semivolatiles/TPH in Soil vs. NYTAGM
Non-Evaluated Sites

SITE	DESCRIPTION	LOC ID	SAMP_ID:	QC CODE	SAMP_DEPTH TOP	SAMP_DEPTH BOT	MATRIX:	SAMP DATE	SEAD-121B Bldg. 325 PCB Oil Spill SB121B-1 EB212 SA		SEAD-121B Bldg. 325 PCB Oil Spill SB121B-1 EB213 SA		SEAD-121B Bldg. 325 PCB Oil Spill SS121B-1 EB238 SA		SEAD-121B Bldg. 325 PCB Oil Spill SS121B-2 EB239 SA		SEAD-121B Bldg. 325 PCB Oil Spill OH Spill EB240 SA	
									0	0.2	4	4.5	0	0.2	0	0.2	0	0.2
									SOIL		SOIL		SOIL		SOIL		SOIL	
									7-Mar-98		7-Mar-98		9-Mar-98		9-Mar-98		9-Mar-98	
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	5256000	0	0	5	220 U		220 U		500 U		970 U		3700 U	
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	47304000	0	0	5	220 U		220 U		500 U		970 U		3700 U	
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	46778400	0	0	5	220 U		220 U		500 U		970 U		3700 U	
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	238467	0	0	5	220 U		220 U		500 U		970 U		3700 U	
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	52560000	0	0	5	530 U		540 U		1200 U		2400 U		9000 U	
2,4,6-Trichlorophenol	UG/KG	0	0.00%	0	520291	0	0	5	220 U		220 U		500 U		970 U		3700 U	
2,4-Dichlorophenol	UG/KG	0	0.00%	400	1576800	0	0	5	220 U		220 U		500 U		970 U		3700 U	
2,4-Dimethylphenol	UG/KG	0	0.00%	0	10512000	0	0	5	220 U		220 U		500 U		970 U		3700 U	
2,4-Dinitrophenol	UG/KG	0	0.00%	200	1051200	0	0	5	530 U		540 U		1200 U		2400 U		9000 U	
2,4-Dinitrotoluene	UG/KG	0	0.00%	0	1051200	0	0	5	220 U		220 U		500 U		970 U		3700 U	
2,6-Dinitrotoluene	UG/KG	0	0.00%	1000	525600	0	0	5	220 U		220 U		500 U		970 U		3700 U	
2-Chloronaphthalene	UG/KG	0	0.00%	0	0	0	0	5	220 U		220 U		500 U		970 U		3700 U	
2-Chlorophenol	UG/KG	0	0.00%	800	2628000	0	0	5	220 U		220 U		500 U		970 U		3700 U	
2-Methylnaphthalene	UG/KG	460	60.00%	36400	0	0	3	5	220 U		220 U		27 J		78 J		460 J	
2-Methylphenol	UG/KG	0	0.00%	100	26280000	0	0	5	220 U		220 U		500 U		970 U		3700 U	
2-Nitroaniline	UG/KG	0	0.00%	430	31536	0	0	5	530 U		540 U		1200 U		2400 U		9000 U	
2-Nitrophenol	UG/KG	0	0.00%	330	0	0	0	5	220 U		220 U		500 U		970 U		3700 U	
3,3'-Dichlorobenzidine	UG/KG	0	0.00%	0	12718	0	0	5	220 U		220 U		500 U		970 U		3700 U	
3-Nitroaniline	UG/KG	0	0.00%	500	1576800	0	0	5	530 U		540 U		1200 U		2400 U		9000 U	
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%	0	0	0	0	5	530 U		540 U		1200 U		2400 U		9000 U	
4-Bromophenyl phenylether	UG/KG	0	0.00%	0	30484800	0	0	5	220 U		220 U		500 U		970 U		3700 U	
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240	0	0	0	5	220 U		220 U		500 U		970 U		3700 U	
4-Chloroaniline	UG/KG	0	0.00%	220	2102400	0	0	5	220 U		220 U		500 U		970 U		3700 U	
4-Chlorophenyl phenylether	UG/KG	0	0.00%	0	0	0	0	5	220 U		220 U		500 U		970 U		3700 U	
4-Methylphenol	UG/KG	0	0.00%	900	0	0	0	5	220 U		220 U		500 U		970 U		3700 U	
4-Nitroaniline	UG/KG	0	0.00%	0	1576800	0	0	5	530 U		540 U		1200 U		2400 U		9000 U	
4-Nitrophenol	UG/KG	0	0.00%	100	31536000	0	0	5	530 U		540 U		1200 U		2400 U		9000 U	
Acenaphthene	UG/KG	1800	100.00%	50000	0	0	5	5	59 J		120 J		320 J		640 J		1800 J	
Acenaphthylene	UG/KG	0	0.00%	41000	0	0	0	5	220 U		220 U		500 U		970 U		3700 U	
Anthracene	UG/KG	2500	100.00%	50000	157680000	0	5	5	83 J		160 J		430 J		860 J		2500 J	
Benzofluoranthene	UG/KG	9400	100.00%	224	7840	5	5	5	390		430		1600		3100		9400	
Benzofluorene	UG/KG	9100	100.00%	61	784	5	5	5	390		390		1500		2800		9100	
Benzo[a]fluoranthene	UG/KG	10000	100.00%	1100	7840	3	5	5	460		410		1700		3200		10000	
Benzo[a]perylene	UG/KG	6500	100.00%	50000	0	0	0	5	260		230		1000		2000		6500	
Benzo[k]fluoranthene	UG/KG	9700	100.00%	1100	78400	3	5	5	410		440		1600		2400		9700	
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%	0	0	0	0	5	220 U		220 U		500 U		970 U		3700 U	
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%	0	5203	0	0	5	220 U		220 U		500 U		970 U		3700 U	
Bis(2-Chloroisopropyl)ether	UG/KG	0	0.00%	0	81760	0	0	5	220 U		220 U		500 U		970 U		3700 U	
Bis(2-Ethylhexyl)phthalate	UG/KG	0	0.00%	50000	408800	0	0	5	220 U		220 U		500 U		970 U		3700 U	
Butylbenzylphthalate	UG/KG	0	0.00%	50000	105120000	0	0	5	220 U		220 U		500 U		970 U		3700 U	
Carbazole	UG/KG	5300	100.00%	0	286160	0	5	5	130 J		200 J		820		1400		5300	
Chrysene	UG/KG	12000	100.00%	400	784000	5	5	5	450		450		2000		3700		12000	
Di-n-butylphthalate	UG/KG	0	0.00%	8100	0	0	0	5	220 U		220 U		500 U		970 U		3700 U	
Di-n-octylphthalate	UG/KG	0	0.00%	50000	10512000	0	0	5	220 U		220 U		500 U		970 U		3700 U	
Dibenz[a,h]anthracene	UG/KG	2100	100.00%	14	784	5	5	5	160 J		170 J		700 J		1100 J		2100 J	
Dibenzofuran	UG/KG	1200	100.00%	6200	2102400	0	5	5	16 J		42 J		140 J		300 J		1200 J	
Diethylphthalate	UG/KG	12	20.00%	7100	420480000	0	1	5	12 J		220 U		500 U		970 U		3700 U	
Dimethylphthalate	UG/KG	0	0.00%	2000	5256000000	0	0	5	220 U		220 U		500 U		970 U		3700 U	
Fluoranthene	UG/KG	30000	100.00%	50000	21024000	0	5	5	1100		1200		5000 E		8900 E		30000	
Fluorene	UG/KG	1800	100.00%	50000	21024000	0	5	5	44 J		88 J		270 J		580 J		1800 J	
Hexachlorobenzene	UG/KG	0	0.00%	410	3577	0	0	5	220 U		220 U		500 U		970 U		3700 U	
Hexachlorobutadiene	UG/KG	0	0.00%	0	73374	0	0	5	220 U		220 U		500 U		970 U		3700 U	
Hexachlorocyclopentadiene	UG/KG	0	0.00%	0	3679200	0	0	5	220 U		220 U		500 U		970 U		3700 U	
Hexachloroethane	UG/KG	0	0.00%	0	408800	0	0	5	220 U		220 U		500 U		970 U		3700 U	
Indeno[1,2,3-cd]pyrene	UG/KG	6600	100.00%	3200	7840	1	5	5	240		210 J		970		2000		6600	
Isophorone	UG/KG	0	0.00%	4400	0	0	0	5	220 U		220 U		500 U		970 U		3700 U	

Table 27-4
SEAD-121B-Semivolatiles/TPH in Soil vs NYTAGM
Non Evaluated Sites

2/17/99

SITE		SEAD-121B		SEAD-121B		SEAD-121B		SEAD-121B		SEAD-121B								
DESCRIPTION		Bldg 325 PCB		Bldg 325 PCB		Bldg 325 PCB		Bldg 325 PCB		Bldg 325 PCB								
LOC ID		Oil Spill		Oil Spill		Oil Spill		Oil Spill		Oil Spill								
SAMP ID		SB121B-1		SB121B-1		SS121B-1		SS121B-2		SS121B-3								
QC CODE		EB212		EB213		EB238		EB239		EB240								
SAMP DEPTH TOP		SA		SA		SA		SA		SA								
SAMP DEPTH BOT		0		4		0		0		0								
MATRIX		0.2		4.5		0.2		0.2		0.2								
SAMP DATE		SOIL		SOIL		SOIL		SOIL		SOIL								
		7-Mar-98		7-Mar-98		9-Mar-98		9-Mar-98		9-Mar-98								
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DEFECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
N-Nitrosodiphenylamine	UG/KG	0	0.00%		1168000	0	0	5	270 U		220 U		500 U		970 U		3700 U	
N-Nitrosodipropylamine	UG/KG	0	0.00%		818	0	0	5	220 U		220 U		500 U		970 U		3700 U	
Naphthalene	UG/KG	1700	60.00%	13000	21024000	0	3	5	220 U		220 U		79 J		240 J		1700 J	
Nitrobenzene	UG/KG	0	0.00%	200	262800	0	0	5	220 U		220 U		500 U		970 U		3700 U	
Pentachlorophenol	UG/KG	0	0.00%	1000	47693	0	0	5	530 U		540 U		1200 U		2400 U		9000 U	
Phenanthrene	UG/KG	21000	100.00%	50000		0	5	5	620		940		3200		5800		21000	
Phenol	UG/KG	0	0.00%	30	315360000	0	0	5	220 U		220 U		500 U		970 U		3700 U	
Pyrene	UG/KG	21000	100.00%	50000	15768000	0	5	5	940		1100		3800		5900		21000	
TPH	MG/KG	1360	60.00%			0	3	5	20.4 U		19.5 U		109		1200		1360	

Table 27-5
SEAD-121B-Semivolatiles/TPH in Soil vs. PRG-IND
Non-Evaluated Sites

2/17/99

SITE:				SEAD-121B		SEAD-121B		SEAD-121B		SEAD-121B		SEAD-121B		
DESCRIPTION:				Bldg 325		Bldg 325		Bldg 325		Bldg 325		Bldg 325		
LOC ID:				PCB Oil Spill		PCB Oil Spill		PCB Oil Spill		PCB Oil Spill		PCB Oil Spill		
SAMP_ID:				SB121B-1		SB121B-1		SS121B-1		SS121B-2		SS121B-3		
QC CODE:				EB212		EB213		EB238		EB239		EB240		
SAMP. DETH TOP:				SA		SA		SA		SA		SA		
SAMP. DEPTH BOT:				0		4		0		0		0		
MATRIX:				0.2		4.5		0.2		0.2		0.2		
SAMP DATE:				SOIL		SOIL		SOIL		SOIL		SOIL		
		FREQUENCY		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		
		OF		ABOVE		OF		OF		OF		OF		
		TAGM		TAGM		DETECTS		ANALYSES		7-Mar-98		7-Mar-98		
		PRG-IND								9-Mar-98		9-Mar-98		
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG-IND	NUMBER	NUMBER	NUMBER	VALUE	Q	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	5256000	0	0	5	220 U		220 U		500 U	970 U
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	47304000	0	0	5	220 U		220 U		500 U	970 U
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	46778400	0	0	5	220 U		220 U		500 U	970 U
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	238467	0	0	5	220 U		220 U		500 U	970 U
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	52560000	0	0	5	530 U		540 U		1200 U	2400 U
2,4,6-Trichlorophenol	UG/KG	0	0.00%		520291	0	0	5	220 U		220 U		500 U	970 U
2,4-Dichlorophenol	UG/KG	0	0.00%	400	1576800	0	0	5	220 U		220 U		500 U	970 U
2,4-Dimethylphenol	UG/KG	0	0.00%		10512000	0	0	5	220 U		220 U		500 U	970 U
2,4-Dinitrophenol	UG/KG	0	0.00%	200	1051200	0	0	5	530 U		540 U		1200 U	2400 U
2,4-Dinitrotoluene	UG/KG	0	0.00%		1051200	0	0	5	220 U		220 U		500 U	970 U
2,6-Dinitrotoluene	UG/KG	0	0.00%	1000	525600	0	0	5	220 U		220 U		500 U	970 U
2-Chloronaphthalene	UG/KG	0	0.00%			0	0	5	220 U		220 U		500 U	970 U
2-Chlorophenol	UG/KG	0	0.00%	800	2628000	0	0	5	220 U		220 U		500 U	970 U
2-Methylnaphthalene	UG/KG	460	60.00%	36400		0	3	5	220 U		220 U		27 J	78 J
2-Methylphenol	UG/KG	0	0.00%	100	26280000	0	0	5	220 U		220 U		500 U	970 U
2-Nitroaniline	UG/KG	0	0.00%	430	31536	0	0	5	530 U		540 U		1200 U	2400 U
2-Nitrophenol	UG/KG	0	0.00%	330		0	0	5	220 U		220 U		500 U	970 U
3,3'-Dichlorobenzidine	UG/KG	0	0.00%		12718	0	0	5	220 U		220 U		500 U	970 U
3-Nitroaniline	UG/KG	0	0.00%	500	1576800	0	0	5	530 U		540 U		1200 U	2400 U
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%			0	0	5	530 U		540 U		1200 U	2400 U
4-Bromophenyl phenyl ether	UG/KG	0	0.00%		30484800	0	0	5	220 U		220 U		500 U	970 U
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240		0	0	5	220 U		220 U		500 U	970 U
4-Chloroaniline	UG/KG	0	0.00%	220	2102400	0	0	5	220 U		220 U		500 U	970 U
4-Chlorophenyl phenyl ether	UG/KG	0	0.00%			0	0	5	220 U		220 U		500 U	970 U
4-Methylphenol	UG/KG	0	0.00%	900		0	0	5	220 U		220 U		500 U	970 U
4-Nitroaniline	UG/KG	0	0.00%		1576800	0	0	5	530 U		540 U		1200 U	2400 U
4-Nitrophenol	UG/KG	0	0.00%	100	31536000	0	0	5	530 U		540 U		1200 U	2400 U
Acenaphthene	UG/KG	1800	100.00%	50000		0	5	5	59 J		120 J		320 J	640 J
Acenaphthylene	UG/KG	0	0.00%	41000		0	0	5	220 U		220 U		500 U	970 U
Anthracene	UG/KG	2500	100.00%	50000	157680000	0	5	5	83 J		160 J		430 J	960 J
Benzo[a]anthracene	UG/KG	9400	100.00%	224	7840	1	5	5	390		420		1600	3100
Benzo[a]pyrene	UG/KG	9100	100.00%	61	784	3	5	5	390		390		1000	1900
Benzo[b]fluoranthene	UG/KG	10000	100.00%	1100	7840	1	5	5	460		410		1700	3200
Benzo[ghi]perylene	UG/KG	6500	100.00%	50000		0	5	5	260		230		1000	2000
Benzo[k]fluoranthene	UG/KG	9700	100.00%	1100	78400	0	5	5	410		440		1600	2600
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%			0	0	5	220 U		220 U		500 U	970 U
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%		5203	0	0	5	220 U		220 U		500 U	970 U
Bis(2-Chloroisopropyl)ether	UG/KG	0	0.00%		81760	0	0	5	220 U		220 U		500 U	970 U
Bis(2-Ethylhexyl)phthalate	UG/KG	0	0.00%	50000	408800	0	0	5	220 U		220 U		500 U	970 U
Butylbenzylphthalate	UG/KG	0	0.00%	50000	105120000	0	0	5	220 U		220 U		500 U	970 U
Carbazole	UG/KG	5300	100.00%		286160	0	5	5	130 J		200 J		820	1400
Chrysene	UG/KG	12000	100.00%	400	784000	0	5	5	450		450		2000	3400
Di-n-butylphthalate	UG/KG	0	0.00%	8100		0	0	5	220 U		220 U		500 U	970 U
Di-n-octylphthalate	UG/KG	0	0.00%	50000	10512000	0	0	5	220 U		220 U		500 U	970 U
Dibenz[a,h]anthracene	UG/KG	2100	100.00%	14	784	1	5	5	110 J		78 J		500	640 J
Dibenzofuran	UG/KG	1200	100.00%	6200	2102400	0	5	5	16 J		42 J		140 J	300 J
Diethyl phthalate	UG/KG	12	20.00%	7100	420480000	0	1	5	12 J		220 U		500 U	970 U
Dimethylphthalate	UG/KG	0	0.00%	2000	5256000000	0	0	5	220 U		220 U		500 U	970 U
Fluoranthene	UG/KG	30000	100.00%	50000	21024000	0	5	5	1100		1200		5000 E	8900 E
Fluorene	UG/KG	1800	100.00%	50000	21024000	0	5	5	44 J		88 J		270 J	580 J
Hexachlorobenzene	UG/KG	0	0.00%	410	3577	0	0	5	220 U		220 U		500 U	970 U
Hexachlorobutadiene	UG/KG	0	0.00%		73374	0	0	5	220 U		220 U		500 U	970 U
Hexachlorocyclopentadiene	UG/KG	0	0.00%		3679200	0	0	5	220 U		220 U		500 U	970 U
Hexachloroethane	UG/KG	0	0.00%		408800	0	0	5	220 U		220 U		500 U	970 U
Indeno[1,2,3-cd]pyrene	UG/KG	6600	100.00%	3200	7840	0	5	5	240		210 J		970	2000
Isophorone	UG/KG	0	0.00%	4400		0	0	5	220 U		220 U		500 U	970 U

Table 27-5
SEAD-121B-Semivolatiles/TPH in Soil vs PRG-IND
Non-Evaluated Sites

2/17/99

SITE		SEAD-121B		SEAD-121B		SEAD-121B		SEAD-121B		SEAD-121B								
DESCRIPTION		Bldg 325		Bldg 325		Bldg 325		Bldg 325		Bldg 325								
LOC ID		PCB Oil Spill		PCB Oil Spill		PCB Oil Spill		PCB Oil Spill		PCB Oil Spill								
SAMP_ID		SB121B-1		SB121B-1		SS121B-1		SS121B-2		SS121B-3								
QC CODE		EB212		EB213		EB238		EB239		EB240								
SAMP_DEPTH TOP		SA		SA		SA		SA		SA								
SAMP_DEPTH BOT		0		4		0		0		0								
MATRIX		0.2		4.5		0.2		0.2		0.2								
SAMP_DATE		SOIL		SOIL		SOIL		SOIL		SOIL								
		7-Mar-98		7-Mar-98		9-Mar-98		9-Mar-98		9-Mar-98								
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
N-Nitrosodiphenylamine	UG/KG	0	0.00%		1168000	0	0	5	220	U	220	U	500	U	970	U	3700	U
N-Nitrosodipropylamine	UG/KG	0	0.00%		818	0	0	5	220	U	220	U	500	U	970	U	3700	U
Naphthalene	UG/KG	1700	60.00%	13000	21024000	0	3	5	220	U	220	U	79	J	240	J	1700	J
Nitrobenzene	UG/KG	0	0.00%	200	262800	0	0	5	220	U	220	U	500	U	970	U	3700	U
Pentachlorophenol	UG/KG	0	0.00%	1000	47693	0	0	5	530	U	540	U	1200	U	2400	U	9000	U
Phenanthrene	UG/KG	21000	100.00%	50000		0	5	5	620		940		3200		5800		21000	
Phenol	UG/KG	0	0.00%	30	315360000	0	0	5	220	U	220	U	500	U	970	U	3700	U
Pyrene	UG/KG	21000	100.00%	50000	15768000	0	5	5	940		1100		3800		5900		21000	
TPH	MG/KG	1360	60.00%			0	3	5	20.4	U	19.5	U	109		1200		1360	

Table 27-6
SEAD-121B-PCBs in Soil vs NYTAGM
Non-Evaluated Sites

2/17/99

SITE DESCRIPTION LOC ID SAMP ID QC CODE SAMP DPTH TOP SAMP DPTH BOT MATRIX SAMP DATE	PARAMETER	UNIT	FREQUENCY OF		TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DIFECTS	NUMBER OF ANALYSES	SEAD-121B Bldg 325 PCB Oil Spill SB121B-1 EB212 SA		SFAD-121B Bldg 325 PCB Oil Spill SB121B-1 EB213 SA		SEAD-121B Bldg 325 PCB Oil Spill SS121B-1 EB238 SA		SEAD-121B Bldg 325 PCB Oil Spill SS121B-2 EB239 SA		SEAD-121B Bldg 325 PCB Oil Spill SS121B-3 EB240 SA		
			MAXIMUM	DETECTION						VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	
										SOIL	SOIL	SOIL	SOIL	SOIL						
										7-Mar-98	7-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98						
	Aroclor-1016	UG/KG	0	0.00%		36792	0	0	5	44 U	40 U	50 U	48 U	37 U						
	Aroclor-1221	UG/KG	0	0.00%			0	0	5	88 U	79 U	100 U	98 U	75 U						
	Aroclor-1232	UG/KG	0	0.00%			0	0	5	44 U	40 U	50 U	48 U	37 U						
	Aroclor-1242	UG/KG	0	0.00%			0	0	5	44 U	40 U	50 U	48 U	37 U						
	Aroclor-1248	UG/KG	0	0.00%			0	0	5	44 U	40 U	50 U	48 U	37 U						
	Aroclor-1254	UG/KG	76	25.00%	10000	10512	0	1	4	44 U	40 U	50 U	48 U	76 P						
	Aroclor-1260	UG/KG	0	0.00%	10000		0	0	5	44 U	40 U	50 U	48 U	37 U						

Table 27-7
SEAD-121B-PCBs in Soil vs PRG-IND
Non-Evaluated Sites

SITE		SEAD-121B Bldg 325 PCB		SEAD-121B Bldg 325 Oil Spill		SEAD-121B Bldg 325 PCB Oil Spill		SEAD-121B Bldg 325 PCB Oil Spill		SEAD-121B Bldg 325 PCB Oil Spill							
DESCRIPTION		Oil Spill		PCB Oil Spill		PCB Oil Spill		PCB Oil Spill		PCB Oil Spill							
LOC ID		SB121B-1		SB121B-1		SS121B-1		SS121B-2		SS121B-3							
SAMP_ID		EB212		EB213		EB238		EB239		EB240							
QC CODE		SA		SA		SA		SA		SA							
SAMP DETH TOP		0		4		0		0		0							
SAMP DEPTH BOT		0.2		4.5		0.2		0.2		0.2							
MATRIX		SOIL		SOIL		SOIL		SOIL		SOIL							
SAMP DATE		7-Mar-98		7-Mar-98		9-Mar-98		9-Mar-98		9-Mar-98							
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	
Aroclor-1016	UG/KG	0	0.00%		36792	0	0	5	44 U		40 U		50 U		48 U		37 U
Aroclor-1221	UG/KG	0	0.00%			0	0	5	88 U		79 U		100 U		98 U		75 U
Aroclor-1232	UG/KG	0	0.00%			0	0	5	44 U		40 U		50 U		48 U		37 U
Aroclor-1242	UG/KG	0	0.00%			0	0	5	44 U		40 U		50 U		48 U		37 U
Aroclor-1248	UG/KG	0	0.00%			0	0	5	44 U		40 U		50 U		48 U		37 U
Aroclor-1254	UG/KG	76	25.00%	10000	10512	0	1	4	44 U		40 U		50 U		48 U		76 P
Aroclor-1260	UG/KG	0	0.00%	10000		0	0	5	44 U		40 U		50 U		48 U		37 U

SEAD-121C

DRMO Yard

Table 28-1

Sample Collection Information
SEAD-121C - DRMO Yard

9 Low Priority EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	SB121C-1	EB231	3/9/98	0.0	0.2	SA	Location is near the NW fence where surface water flows into drainage ditch. Scrap metal and plastic fragments on ground surface.
SOIL	SB121C-1	EB014	3/9/98	0.0	0.2	DU	Same location as above.
SOIL	SB121C-1	EB232	3/9/98	2.5	3.0	SA	Same location as above. Sample taken at water table. Bedrock at 3 ft. No detected VOC's or impact to soils.
SOIL	SB121C-2	EB226	3/9/98	0.0	0.2	SA	Location is N of SB121C-1 near concrete storage cells. Surface debris. Small arms projectiles at sample depth.
SOIL	SB121C-2	EB228	3/9/98	2.0	2.5	SA	Same location as above. Sample taken at water table. Bedrock at 3.8 ft. No detected VOC's or impact to soils.
SOIL	SB121C-3	EB233	3/9/98	0.0	0.2	SA	Location is SW corner of Building T-355 where spills may have occurred.
SOIL	SB121C-3	EB234	3/9/98	2.5	3.0	SA	Same location as above. Mid-depth sample, bedrock at 4.5 ft. No detected VOC's or impact to soils.
SOIL	SB121C-4	EB229	3/9/98	0.0	0.2	SA	Location at midway on south fence line and is downgradient of parking/storage areas.
SOIL	SB121C-4	EB020	3/9/98	0.0	0.2	DU	Same location as above.
SOIL	SB121C-4	EB230	3/9/98	2.5	3.0	SA	Same location as above. Sample taken at fill and former ground surface interface.
SURFACE SOIL	SS121C-1	EB235	3/9/98	0.0	0.2	SA	Sample taken at SW corner of compound, downgradient of parking/storage area and concrete debris containment.

Table 28-1

Sample Collection Information
SEAD-121C - DRMO Yard

9 Low Priority EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SURFACE SOIL	SS121C-2	FB236	3/9/98	0.0	0.2	SA	Sample taken along NW fence downgradient of parking area
SURFACE SOIL	SS121C-3	EB237	3/9/98	0.0	0.2	SA	Sample taken N of Bldg 360 near concrete storage bays used for recyclable materials
SURFACE SOIL	SS121C-4	EB241	3/10/98	0.0	0.2	SA	Sample taken in the NW corner of the yard near the concrete storage bays along the fence. Near drainage of surface water
GROUNDWATER	MW121C-1	EB153	3/17/98	4.68 (TOC)	11.76 (TOC)	SA	Well located in SW corner of yard, downgradient of surface water drainage and the concrete debris containment
GROUNDWATER	MW121C-1	EB023	3/17/98	4.68 (TOC)	11.76 (TOC)	DU	Same as above
GROUNDWATER	MW121C-2	EB154	3/17/98	4.75 (TOC)	7.4 (TOC)	SA	Well located in SE corner of yard, downgradient of Bldg T-355 and parking area

Table 28-2
SEAD-121C- Volatile in Soil vs NYTAGM
Non-Evaluated Sites

2/17/99

SITE												SEAD-121C		SEAD-121C		SEAD-121C	
DESCRIPTION												DRMO Yard		DRMO Yard		DRMO Yard	
LOC ID												SB121C-2		SB121C-1		SB121C-1	
SAMP_ID												EB226		EB231		EB232	
QC CODE												SA		SA		SA	
SAMP_DETH TOP												0		0		2.5	
SAMP_DEPTH BOT												0.2		0.2		3	
MATRIX												SOIL		SOIL		SOIL	
SAMP_DATE												9-Mar-98		9-Mar-98		9-Mar-98	
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q			
1,1,1-Trichloroethane	UG/KG	0.0	0.00%	800	18396000	0	0	14	12 U		12 U		12 U				
1,1,2,2-Tetrachloroethane	UG/KG	0.0	0.00%	600	286160	0	0	14	12 U		12 U		12 U				
1,1,2-Trichloroethane	UG/KG	0.0	0.00%		100407	0	0	14	12 U		12 U		12 U				
1,1-Dichloroethane	UG/KG	0.0	0.00%	200	52560000	0	0	14	12 U		12 U		12 U				
1,1-Dichloroethene	UG/KG	0.0	0.00%	400	9539	0	0	14	12 U		12 U		12 U				
1,2-Dichloroethane	UG/KG	0.0	0.00%	100	62892	0	0	14	12 U		12 U		12 U				
1,2-Dichloroethene (total)	UG/KG	0.0	0.00%			0	0	14	12 U		12 U		12 U				
1,2-Dichloropropane	UG/KG	0.0	0.00%		84165	0	0	14	12 U		12 U		12 U				
Acetone	UG/KG	28.0	50.00%	200	52560000	0	7	14	12 U		12 U		14				
Benzene	UG/KG	2.0	7.14%	60	197352	0	1	14	12 U		12 U		12 U				
Bromodichloromethane	UG/KG	0.0	0.00%		92310	0	0	14	12 U		12 U		12 U				
Bromoform	UG/KG	0.0	0.00%		724456	0	0	14	12 U		12 U		12 U				
Carbon disulfide	UG/KG	0.0	0.00%	2700	52560000	0	0	14	12 U		12 U		12 U				
Carbon tetrachloride	UG/KG	0.0	0.00%	600	44025	0	0	14	12 U		12 U		12 U				
Chlorobenzene	UG/KG	0.0	0.00%	1700	10512000	0	0	14	12 U		12 U		12 U				
Chlorodibromomethane	UG/KG	0.0	0.00%		68133	0	0	14	12 U		12 U		12 U				
Chloroethane	UG/KG	0.0	0.00%	1900	210240000	0	0	14	12 U		12 U		12 U				
Chloroform	UG/KG	4.0	28.57%	300	938230	0	4	14	12 U		12 U		12 U				
Cis-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	14	12 U		12 U		12 U				
Ethyl benzene	UG/KG	0.0	0.00%	5500	52560000	0	0	14	12 U		12 U		12 U				
Methyl bromide	UG/KG	0.0	0.00%		751608	0	0	14	12 U		12 U		12 U				
Methyl butyl ketone	UG/KG	0.0	0.00%			0	0	14	12 U		12 U		12 U				
Methyl chloride	UG/KG	0.0	0.00%		440246	0	0	14	12 U		12 U		12 U				
Methyl ethyl ketone	UG/KG	0.0	0.00%	300		0	0	14	12 U		12 U		12 U				
Methyl isobutyl ketone	UG/KG	0.0	0.00%	1000	42048000	0	0	14	12 U		12 U		12 U				
Methylene chloride	UG/KG	0.0	0.00%	100	763093	0	0	14	12 U		12 U		12 U				
Styrene	UG/KG	0.0	0.00%			0	0	14	12 U		12 U		12 U				
Tetrachloroethene	UG/KG	0.0	0.00%	1400	110062	0	0	14	12 U		12 U		12 U				
Toluene	UG/KG	28.0	100.00%	1500	105120000	0	14	14	3 J		2 J		7 J				
Total Xylenes	UG/KG	0.0	0.00%	1200	1051200000	0	0	14	12 U		12 U		12 U				
Trans-1,3-Dichloropropene	UG/KG	0.0	0.00%			0	0	14	12 U		12 U		12 U				
Trichloroethene	UG/KG	0.0	0.00%	700	520291	0	0	14	12 U		12 U		12 U				
Vinyl chloride	UG/KG	0.0	0.00%	200	3012	0	0	14	12 U		12 U		12 U				

Table 28-2
SEAD-121C- Volatile in Soil vs NYTAGM
Non-Evaluated Sites

2/17/99

SITE DESCRIPTION	SEAD-121C DRMO Yard	SEAD-121C DRMO Yard	SEAD-121C DRMO Yard	SEAD-121C DRMO Yard	SEAD-121C DRMO Yard	SEAD-121C DRMO Yard	SEAD-121C DRMO Yard	SEAD-121C DRMO Yard					
LOC ID	SB121C-2	SB121C-2	SB121C-3	SB121C-3	SB121C-4	SB121C-4	SB121C-4	SS121C-1					
SAMP_ID	EB014	EB228	EB233	EB234	EB020	EB229	EB230	EB235					
QC CODE	DU	SA	SA	SA	DU	SA	SA	SA					
SAMP DETH TOP	0	2	0	2.5	0	0	2.5	0					
SAMP DEPTH BOT	0.2	2.5	0.2	3	0.2	0.2	3	0.2					
MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL					
SAMP DATE	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98					
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
1,1,2,2-Tetrachloroethane	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
1,1,2-Trichloroethane	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
1,1-Dichloroethane	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
1,1-Dichloroethene	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
1,2-Dichloroethane	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
1,2-Dichloroethene (total)	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
1,2-Dichloropropane	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Acetone	UG/KG	12	J	11	U	11	U	16	J	11	U	28	J
Benzene	UG/KG	12	U	2	J	11	U	11	U	11	U	11	U
Bromodichloromethane	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Bromoform	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Carbon disulfide	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Carbon tetrachloride	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Chlorobenzene	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Chlorodibromomethane	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Chloroethane	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Chloroform	UG/KG	12	U	4	J	11	U	11	U	4	J	2	J
Cis-1,3-Dichloropropene	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Ethyl benzene	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Methyl bromide	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Methyl butyl ketone	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Methyl chloride	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Methyl ethyl ketone	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Methyl isobutyl ketone	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Methylene chloride	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Styrene	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Tetrachloroethene	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Toluene	UG/KG	5	J	5	J	2	J	9	J	12	J	10	J
Total Xylenes	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Trans-1,3-Dichloropropene	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Trichloroethene	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U
Vinyl chloride	UG/KG	12	U	11	U	11	U	11	U	11	U	11	U

Table 28-2
SEAD-121C- Volatile in Soil vs NYTAGM
Non-Evaluated Sites

2/17/99

SITE DESCRIPTION	SEAD-121C DRMO Yard	SEAD-12 DRMO Yard	SEAD-121 DRMO Yard				
LOC ID	SS121C-2	SS121C-	SS121C-4				
SAMP_ID	EB236	EB237	EB241				
QC CODE	SA	SA	SA				
SAMP DETH TOP	0	0	0				
SAMP DEPTH BOT	0.2	0.2	0.2				
MATRIX	SOIL	SOIL	SOIL				
SAMP DATE	9-Mar-98	9-Mar-98	10-Mar-98				
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	UG/KG	11	U	11	U	11	U
1,1,2,2-Tetrachloroethane	UG/KG	11	U	11	U	11	U
1,1,2-Trichloroethane	UG/KG	11	U	11	U	11	U
1,1-Dichloroethane	UG/KG	11	U	11	U	11	U
1,1-Dichloroethene	UG/KG	11	U	11	U	11	U
1,2-Dichloroethane	UG/KG	11	U	11	U	11	U
1,2-Dichloroethene (total)	UG/KG	11	U	11	U	11	U
1,2-Dichloropropane	UG/KG	11	U	11	U	11	U
Acetone	UG/KG	11	U	11	U	6	JB
Benzene	UG/KG	11	U	11	U	11	U
Bromodichloromethane	UG/KG	11	U	11	U	11	U
Bromoform	UG/KG	11	U	11	U	11	U
Carbon disulfide	UG/KG	11	U	11	U	11	U
Carbon tetrachloride	UG/KG	11	U	11	U	11	U
Chlorobenzene	UG/KG	11	U	11	U	11	U
Chlorodibromomethane	UG/KG	11	U	11	U	11	U
Chloroethane	UG/KG	11	U	11	U	11	U
Chloroform	UG/KG	11	U	11	U	4	J
Cis-1,3-Dichloropropene	UG/KG	11	U	11	U	11	U
Ethyl benzene	UG/KG	11	U	11	U	11	U
Methyl bromide	UG/KG	11	U	11	U	11	U
Methyl butyl ketone	UG/KG	11	U	11	U	11	U
Methyl chloride	UG/KG	11	U	11	U	11	U
Methyl ethyl ketone	UG/KG	11	U	11	U	11	U
Methyl isobutyl ketone	UG/KG	11	U	11	U	11	U
Methylene chloride	UG/KG	11	U	11	U	11	U
Styrene	UG/KG	11	U	11	U	11	U
Tetrachloroethene	UG/KG	11	U	11	U	11	U
Toluene	UG/KG	28		4	J	16	
Total Xylenes	UG/KG	11	U	11	U	11	U
Trans-1,3-Dichloropropene	UG/KG	11	U	11	U	11	U
Trichloroethene	UG/KG	11	U	11	U	11	U
Vinyl chloride	UG/KG	11	U	11	U	11	U

Table 28-3
SEAD-121C - Volatile in Soil vs PRG-IND
Non-Evaluated Sites

2/17/99

SITE DESCRIPTION		SEAD-121C		SEAD-121C		SEAD-121C								
LOC ID		DRMO Yard		DRMO Yard		DRMO Yard								
SAMP_ID		SB121C-2		SB121C-1		SB121C-1								
QC CODE		EB226		EB231		EB232								
SAMP_DEPTH TOP		SA		SA		SA								
SAMP_DEPTH BOT		0		0		2.5								
MATRIX		0.2		0.2		3								
SAMP_DATE		SOIL		SOIL		SOIL								
		9-Mar-98		9-Mar-98		9-Mar-98								
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	UG/KG	0	0.00%	800	18396000	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
1,1,2,2-Tetrachloroethane	UG/KG	0	0.00%	600	286160	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
1,1,2-Trichloroethane	UG/KG	0	0.00%		100407	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
1,1-Dichloroethane	UG/KG	0	0.00%	200	52560000	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
1,1-Dichloroethene	UG/KG	0	0.00%	400	9539	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
1,2-Dichloroethane	UG/KG	0	0.00%	100	62892	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
1,2-Dichloroethene (total)	UG/KG	0	0.00%			0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
1,2-Dichloropropane	UG/KG	0	0.00%		84165	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Acetone	UG/KG	28	50.00%	200	52560000	0	7	14	12 U	12 U	12 U	12 U	14	
Benzene	UG/KG	2	7.14%	60	197352	0	1	14	12 U	12 U	12 U	12 U	12 U	12 U
Bromodichloromethane	UG/KG	0	0.00%		92310	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Bromoform	UG/KG	0	0.00%		724456	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Carbon disulfide	UG/KG	0	0.00%	2700	52560000	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Carbon tetrachloride	UG/KG	0	0.00%	600	44025	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Chlorobenzene	UG/KG	0	0.00%	1700	10512000	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Chlorodibromomethane	UG/KG	0	0.00%		68133	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Chloroethane	UG/KG	0	0.00%	1900	210240000	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Chloroform	UG/KG	4	28.57%	300	938230	0	4	14	12 U	12 U	12 U	12 U	12 U	12 U
Cis-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Ethyl benzene	UG/KG	0	0.00%	5500	52560000	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Methyl bromide	UG/KG	0	0.00%		751608	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Methyl butyl ketone	UG/KG	0	0.00%			0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Methyl chloride	UG/KG	0	0.00%		440246	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Methyl ethyl ketone	UG/KG	0	0.00%	300		0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Methyl isobutyl ketone	UG/KG	0	0.00%	1000	42048000	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Methylene chloride	UG/KG	0	0.00%	100	763093	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Styrene	UG/KG	0	0.00%			0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Tetrachloroethene	UG/KG	0	0.00%	1400	110062	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Toluene	UG/KG	28	100.00%	1500	105120000	0	14	14	3 J	2 J	7 J	7 J	7 J	7 J
Total Xylenes	UG/KG	0	0.00%	1200	1051200000	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Trans-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Trichloroethene	UG/KG	0	0.00%	700	520291	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U
Vinyl chloride	UG/KG	0	0.00%	200	3012	0	0	14	12 U	12 U	12 U	12 U	12 U	12 U

Table 28-3
SEAD-121C- Volatile in Soil vs PRG-IND
Non-Evaluated Sites

SITE DESCRIPTION LOC ID SAMP_ID QC CODE SAMP DETH TOP SAMP DEPTH BOT MATRIX SAMP DATE	SEAD-121C DRMO Yard SB121C-2 EB014 DU		SEAD-121C DRMO Yard SB121C-2 EB228 SA		SEAD-121C DRMO Yard SB121C-3 EB233 SA		SEAD-121C DRMO Yard SB121C-3 EB234 SA		SEAD-121C DRMO Yard SB121C-4 EB020 DU		SEAD-121C DRMO Yard SB121C-4 EB229 SA		SEAD-121C DRMO Yard SB121C-4 EB230 SA		SEAD-121C DRMO Yard SS121C-1 EB235 SA	
	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,1,2,2-Tetrachloroethane	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,1,2-Trichloroethane	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,1-Dichloroethane	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,1-Dichloroethene	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,2-Dichloroethane	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,2-Dichloroethene (total)	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
1,2-Dichloropropane	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Acetone	12 J	11 U	11 U	11 U	16	10 J	11 U	11 U	11 U	11 U	11 U	28	10 J	11 U	11 U	11 U
Benzene	12 U	2 J	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Bromodichloromethane	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Bromoform	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Carbon disulfide	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Carbon tetrachloride	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Chlorobenzene	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Chlorodibromomethane	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Chloroethane	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Chloroform	12 U	4 J	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	4 J	2 J	11 U	11 U	11 U
Cis-1,3-Dichloropropene	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Ethyl benzene	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Methyl bromide	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Methyl butyl ketone	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Methyl chloride	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Methyl ethyl ketone	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Methyl isobutyl ketone	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Methylene chloride	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Styrene	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Tetrachloroethane	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Toluene	5 J	5 J	2 J	9 J	12	10 J	4 J	9 J	10 J	4 J	9 J	9 J	9 J	11 U	11 U	11 U
Total Xylenes	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Trans-1,3-Dichloropropene	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Trichloroethene	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Vinyl chloride	12 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U

Table 28-3
SEAD-121C- Volatile in Soil vs PRG-IND
Non-Evaluated Sites

2/17/99

SITE DESCRIPTION	SEAD-121C	SEAD-121C	SEAD-121B				
LOC ID	DRMO Yard SS121C-2	DRMO Yard SS121C-3	DRMO Yard SS121C-4				
SAMP_ID	EB236	EB237	EB241				
QC CODE	SA	SA	SA				
SAMP DETH TOP	0	0	0				
SAMP DEPTH BOT	0.2	0.2	0.2				
MATRIX	SOIL	SOIL	SOIL				
SAMP DATE	9-Mar-98	9-Mar-98	10-Mar-98				
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	UG/KG	11	U	11	U	11	U
1,1,2,2-Tetrachloroethane	UG/KG	11	U	11	U	11	U
1,1,2-Trichloroethane	UG/KG	11	U	11	U	11	U
1,1-Dichloroethane	UG/KG	11	U	11	U	11	U
1,1-Dichloroethene	UG/KG	11	U	11	U	11	U
1,2-Dichloroethane	UG/KG	11	U	11	U	11	U
1,2-Dichloroethene (total)	UG/KG	11	U	11	U	11	U
1,2-Dichloropropane	UG/KG	11	U	11	U	11	U
Acetone	UG/KG	11	U	11	U	6	JB
Benzene	UG/KG	11	U	11	U	11	U
Bromodichloromethane	UG/KG	11	U	11	U	11	U
Bromoform	UG/KG	11	U	11	U	11	U
Carbon disulfide	UG/KG	11	U	11	U	11	U
Carbon tetrachloride	UG/KG	11	U	11	U	11	U
Chlorobenzene	UG/KG	11	U	11	U	11	U
Chlorodibromomethane	UG/KG	11	U	11	U	11	U
Chloroethane	UG/KG	11	U	11	U	11	U
Chloroform	UG/KG	11	U	11	U	4	J
Cis-1,3-Dichloropropene	UG/KG	11	U	11	U	11	U
Ethyl benzene	UG/KG	11	U	11	U	11	U
Methyl bromide	UG/KG	11	U	11	U	11	U
Methyl butyl ketone	UG/KG	11	U	11	U	11	U
Methyl chloride	UG/KG	11	U	11	U	11	U
Methyl ethyl ketone	UG/KG	11	U	11	U	11	U
Methyl isobutyl ketone	UG/KG	11	U	11	U	11	U
Methylene chloride	UG/KG	11	U	11	U	11	U
Styrene	UG/KG	11	U	11	U	11	U
Tetrachloroethene	UG/KG	11	U	11	U	11	U
Toluene	UG/KG	28		4	J	16	
Total Xylenes	UG/KG	11	U	11	U	11	U
Trans-1,3-Dichloropropene	UG/KG	11	U	11	U	11	U
Trichloroethene	UG/KG	11	U	11	U	11	U
Vinyl chloride	UG/KG	11	U	11	U	11	U

Table 28.4
SEAD 121C: Semivolatiles/TPH in Soil vs. NYTAGM
Non Evaluated Sites

SITE DESCRIPTION	LOC ID	SAMP ID	QC CODE	SAMP DEPTH TOP	SAMP DEPTH BOT	MATRIX	SAMP DATE	PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD 121C DRMO Yard SB121C-2 EB226 SA	SEAD 121C DRMO Yard SB121C-1 EB231 SA	SEAD-121C DRMO Yard SB121C 1 EB232 SA	SEAD-121C DRMO Yard SB121C-2 EB014 DU	SEAD-121C DRMO Yard SB121C.2 EB228 SA	SEAD-121C DRMO Yard SB121C.3 EB233 SA
																	SOIL 9 Mar 98	SOIL 9-Mar-98	SOIL 9-Mar-98	SOIL 9-Mar-98	SOIL 9-Mar-98	SOIL 9 Mar-98
																	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
								Pyrene	UG/KG	820	85.71%	50000	15768000	0	12	14	380	78 U	47 J	170	290	13
								TPH	MG/KG	482	85.71%			0	12	14	23.4	16.7 U	90.4	28.3	18.5	19

Table 2B.4
SEAD 121C Semivolatiles/TPH in Soil vs. NYTAGM
Non-Evaluated Sites

2/17/99

SITE DESCRIPTION	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C		
LOC ID	DRMO Yard SB121C-3	DRMO Yard SB121C-4	DRMO Yard SB121C-4	DRMO Yard SR121C-4	DRMO Yard SS121C-1	DRMO Yard SS121C-2	DRMO Yard SS121C-4	DRMO Yard SS121C-4		
SAMP_ID	EB234	EB020	EB229	EB230	EB235	EB236	EB237	EB241		
QC CODE	SA	DU	SA	SA	SA	SA	SA	SA		
SAMP_DEPTH TOP	2.5	0	0	2.5	0	0	0	0		
SAMP_DEPTH BOT	3	0.2	0.2	3	0.2	0.2	0.2	0.2		
MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
SAMP_DATE	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	10-Mar-98		
PARAMETER	UNIT	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Pyrene	UG/KG	J	130	8.3 J	14 J	8.1 J	72 U	53 J	820	580
TPH	MG/KG		213	413	303	38.4	19.3 U	109	482	66.3

Table 28-5
SEAD-121C- Semivolatiles/TPH in Soil vs PRG-IND
Non-Evaluated Sites

2/17/99

SITE DESCRIPTION LOC ID SAMP_ID QC CODE SAMP DETH TOP SAMP DEPTH BOT MATRIX SAMP DATE	UNIT	FREQUENCY OF		TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-121C DRMO Yard SB121C-2 EB226 SA		SEAD-121C DRMO Yard SB121C-1 EB231 SA		SEAD-121C DRMO Yard SB121C-2 EB014 DU		SEAD-121C DRMO Yard SB121C-2 EB228 SA	
		MAXIMUM	DETECTION						SOIL	Q	SOIL	Q	SOIL	Q	SOIL	Q
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	5256000	0	0	14	73 U	78 U	77 U	73 U	75 U			
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	47304000	0	0	14	73 U	78 U	77 U	73 U	75 U			
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	46778400	0	0	14	73 U	78 U	77 U	73 U	75 U			
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	238467	0	0	14	73 U	78 U	77 U	73 U	75 U			
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	52560000	0	0	14	180 U	190 U	190 U	180 U	180 U			
2,4,6-Trichlorophenol	UG/KG	0	0.00%	0	520291	0	0	14	73 U	78 U	77 U	73 U	75 U			
2,4-Dichlorophenol	UG/KG	0	0.00%	400	1576800	0	0	14	73 U	78 U	77 U	73 U	75 U			
2,4-Dimethylphenol	UG/KG	0	0.00%	0	10512000	0	0	14	73 U	78 U	77 U	73 U	75 U			
2,4-Dinitrophenol	UG/KG	0	0.00%	200	1051200	0	0	14	180 U	190 U	190 U	180 U	180 U			
2,4-Dinitrotoluene	UG/KG	45	7.14%	0	1051200	0	1	14	45 J	77 U	77 U	73 U	75 U			
2,6-Dinitrotoluene	UG/KG	0	0.00%	1000	525600	0	0	14	73 U	78 U	77 U	73 U	75 U			
2-Chloronaphthalene	UG/KG	0	0.00%	0	0	0	0	14	73 U	78 U	77 U	73 U	75 U			
2-Chlorophenol	UG/KG	0	0.00%	800	2628000	0	0	14	73 U	78 U	77 U	73 U	75 U			
2-Methylnaphthalene	UG/KG	18	50.00%	36400	0	0	7	14	8.6 J	78 U	77 U	4.3 J	7 J			
2-Methylphenol	UG/KG	0	0.00%	100	26280000	0	0	14	73 U	78 U	77 U	73 U	75 U			
2-Nitroaniline	UG/KG	0	0.00%	430	31536	0	0	14	180 U	190 U	190 U	180 U	180 U			
2-Nitrophenol	UG/KG	0	0.00%	330	0	0	0	14	73 U	78 U	77 U	73 U	75 U			
3,3'-Dichlorobenzidine	UG/KG	0	0.00%	0	12718	0	0	14	73 U	78 U	77 U	73 U	75 U			
3-Nitroaniline	UG/KG	0	0.00%	500	1576800	0	0	14	180 U	190 U	190 U	180 U	180 U			
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%	0	0	0	0	14	180 U	190 U	190 U	180 U	180 U			
4-Bromophenyl phenyl ether	UG/KG	0	0.00%	0	30484800	0	0	14	73 U	78 U	77 U	73 U	75 U			
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240	0	0	0	14	73 U	78 U	77 U	73 U	75 U			
4-Chloroaniline	UG/KG	0	0.00%	220	2102400	0	0	14	73 U	78 U	77 U	73 U	75 U			
4-Chlorophenyl phenyl ether	UG/KG	0	0.00%	0	0	0	0	14	73 U	78 U	77 U	73 U	75 U			
4-Methylphenol	UG/KG	0	0.00%	900	0	0	0	14	73 U	78 U	77 U	73 U	75 U			
4-Nitroaniline	UG/KG	0	0.00%	0	1576800	0	0	14	180 U	190 U	190 U	180 U	180 U			
4-Nitrophenol	UG/KG	0	0.00%	100	31536000	0	0	14	180 U	190 U	190 U	180 U	180 U			
Acenaphthene	UG/KG	52	50.00%	50000	0	0	7	14	32 J	78 U	77 U	6.8 J	20 J			
Acenaphthylene	UG/KG	0	0.00%	41000	0	0	0	14	73 U	78 U	77 U	73 U	75 U			
Anthracene	UG/KG	96	50.00%	50000	157680000	0	7	14	52 J	78 U	77 U	15 J	41 J			
Benzo[a]anthracene	UG/KG	420	85.71%	224	7840	0	12	14	180	78 U	4.6 J	76	140			
Benzo[a]pyrene	UG/KG	370	71.43%	61	784	0	10	14	150	78 U	6.3 J	57 J	100			
Benzo[b]fluoranthene	UG/KG	530	78.57%	1100	7840	0	11	14	200	78 U	6.6 J	95	110			
Benzo[ghi]perylene	UG/KG	380	71.43%	50000	0	0	10	14	98	78 U	12 J	42 J	65 J			
Benzo[k]fluoranthene	UG/KG	390	71.43%	1100	78400	0	10	14	150	78 U	5.7 J	87 J	120			
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%	0	0	0	0	14	73 U	78 U	77 U	73 U	75 U			
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%	0	5203	0	0	14	73 U	78 U	77 U	73 U	75 U			
Bis(2-Chloroisopropyl)ether	UG/KG	0	0.00%	0	81760	0	0	14	73 U	78 U	77 U	73 U	75 U			
Bis(2-Ethylhexyl)phthalate	UG/KG	200	100.00%	50000	408800	0	14	14	8.6 JB	13 J	10 J	15 JB	21 J			
Butylbenzylphthalate	UG/KG	24	28.57%	50000	105120000	0	4	14	73 U	78 U	77 U	73 U	6.4 J			
Carbazole	UG/KG	130	50.00%	0	286160	0	7	14	73 J	78 U	77 U	17 J	56 J			
Chrysene	UG/KG	510	85.71%	400	784000	0	12	14	210	78 U	5.5 J	90	160			
Di-n-butylphthalate	UG/KG	50	57.14%	8100	0	0	8	14	27 JB	78 U	77 U	10 JB	19 J			
Di-n-octylphthalate	UG/KG	17	35.71%	50000	10512000	0	5	14	73 U	9.9 J	9.8 J	73 U	17 J			
Dibenz[a,h]anthracene	UG/KG	150	57.14%	14	784	0	8	14	43 J	78 U	9.7 J	21 J	33 J			
Dibenzofuran	UG/KG	22	42.86%	6200	2102400	0	6	14	19 J	78 U	77 U	5.1 J	13 J			
Diethyl phthalate	UG/KG	18	100.00%	7100	420480000	0	13	13	7.2 JB	5.8 JB	8.9 JB	11 JB	6.8 JB			
Dimethylphthalate	UG/KG	0	0.00%	2000	5256000000	0	0	14	73 U	78 U	77 U	73 U	75 U			
Fluoranthene	UG/KG	820	85.71%	50000	21024000	0	12	14	520	78 U	4.8 J	180	390			
Fluorene	UG/KG	43	50.00%	50000	21024000	0	7	14	32 J	78 U	77 U	8 J	22 J			
Hexachlorobenzene	UG/KG	8.5	7.14%	410	3577	0	1	14	8.5 J	78 U	77 U	73 U	75 U			
Hexachlorobutadiene	UG/KG	0	0.00%	0	73374	0	0	14	73 U	78 U	77 U	73 U	75 U			
Hexachlorocyclopentadiene	UG/KG	0	0.00%	0	3679200	0	0	14	73 U	78 U	77 U	73 U	75 U			
Hexachloroethane	UG/KG	0	0.00%	0	408800	0	0	14	73 U	78 U	77 U	73 U	75 U			
Indeno[1,2,3-cd]pyrene	UG/KG	350	71.43%	3200	7840	0	10	14	94	78 U	8.6 J	41 J	58 J			
Isophorone	UG/KG	0	0.00%	4400	0	0	0	14	73 U	78 U	77 U	73 U	75 U			
N-Nitrosodiphenylamine	UG/KG	4.8	7.14%	0	1168000	0	1	14	4.8 J	78 U	77 U	73 U	75 U			
N-Nitrosodipropylamine	UG/KG	0	0.00%	0	818	0	0	14	73 U	78 U	77 U	73 U	75 U			
Naphthalene	UG/KG	14	42.86%	13000	21024000	0	6	14	11 J	78 U	77 U	73 U	12 J			

Table 28-5
SEAD-121C: Semivolatiles/TPH in Soil vs PRG-IND
Non Evaluated Sites

SITE DESCRIPTION	LOC ID	SAMP_ID	QC CODE	SAMP_DEPTH TOP	SAMP_DEPTH BOT	MATRIX	SAMP_DATE	SEAD-121C DRMO Yard SB121C-2 EB226 SA	SEAD-121C DRMO Yard SB121C-1 EB231 SA	SEAD-121C DRMO Yard SB121C-1 EB232 SA	SEAD-121C DRMO Yard SB121C-2 EB014 DU	SEAD-121C DRMO Yard SB121C-2 EB228 SA						
PRG-IND	TAGM	MAXIMUM	FREQUENCY OF DETECTION	PRG-IND	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
262800	200	0	0.00%	262800	200	0	0	14	73	U	78	U	77	U	73	U	75	U
47693	1000	0	0.00%	47693	1000	0	0	14	180	U	190	U	190	U	180	U	180	U
50000	50000	520	78.57%	50000	50000	0	11	14	360	U	78	U	77	U	96	U	280	U
315360000	30	0	0.00%	315360000	30	0	0	14	73	U	78	U	77	U	73	U	75	U
15768000	50000	820	85.71%	15768000	50000	0	12	14	380	U	78	U	4.7	J	170	U	290	U
		482	85.71%			0	12	14	23.4	U	16.7	U	90.4	U	28.3	U	18.5	U

Table 28.5
SEAD-121C: Semivolatiles/TPH in Soil vs PRG-IND
Non-Evaluated Sites

SITE DESCRIPTION	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121B		
LOC_ID	DRMO Yard SB121C-3	DRMO Yard SB121C-3	DRMO Yard SB121C-4	DRMO Yard SB121C-4	DRMO Yard SB121C-4	DRMO Yard SS121C-1	DRMO Yard SS121C-2	DRMO Yard SS121C-3	DRMO Yard SS121C-4		
SAMP_ID	EB233	EB234	EB20	EB229	EB230	EB235	EB236	EB237	EB241		
QC CODE	SA	SA	DU	SA	SA	SA	SA	SA	SA		
SAMP_DEPTH TOP	0	2.5	0	0	2.5	0	0	0	0		
SAMP_DEPTH BOT	0.2	3	0.2	0.2	3	0.2	0.2	0.2	0.2		
MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
SAMP_DATE	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	10-Mar-98		
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Nitrobenzene	UG/KG	72	U	77	U	72	U	71	U	76	U
Pentachlorophenol	UG/KG	180	U	190	U	170	U	170	U	180	U
Phenanthrene	UG/KG	8.8	J	110	J	8.8	J	7.6	J	5.9	J
Phenol	UG/KG	72	U	77	U	72	U	71	U	76	U
Pyrene	UG/KG	13	J	130	J	8.3	J	14	J	8.1	J
TPH	MG/KG	19		213		413		303		38.4	
								19.3		109	
								482		462	
								180		180	
								440		440	
								520		520	
								38		38	
								69		69	
								820		820	
								180		180	
								580		580	
								170		170	
								420		420	
								170		170	
								170		170	
								440		440	
								520		520	
								38		38	
								69		69	
								820		820	
								180		180	
								580		580	
								170		170	
								420		420	
								170		170	

Table 28-6
SEAD 121C- Pesticides/PCBs in Soil vs. NYTAGM
Non-Evaluated Sites

SITE DESCRIPTION		SEAD-121C DRMO Yard SB121C-2 EB226 SA		SEAD-121C DRMO Yard SB121C-1 EB231 SA		SEAD-121C DRMO Yard SB121C-1 EB232 SA		SEAD-121C DRMO Yard SB121C-2 EB014 DU		SEAD-121C DRMO Yard SB121C-2 EB228 SA								
LOC ID		0		0		2.5		0		2								
SAMP_ID		0.2		0.2		3		0.2		2.5								
QC CODE		SOIL		SOIL		SOIL		SOIL		SOIL								
SAMP_DEPTH TOP		9-Mar-98		9-Mar-98		9-Mar-98		9-Mar-98		9-Mar-98								
SAMP_DEPTH BOT																		
MATRIX																		
SAMP_DATE																		
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
4.4 DDD	UG/KG	7.4	7.14%	2900		23847	0	1	14	3.7 U	3.9 U	3.8 U	3.7 U	3.8 U	3.7 U	3.8 U	3.8 U	3.8 U
4.4 DDE	UG/KG	69	64.29%	2100		16833	0	9	14	13	3.9 U	3.8 U	3.8 U	29	3.8 U	13	3.8 U	13
4.4 -DDT	UG/KG	100	61.54%	2100		16833	0	8	13	18	3.9 U	3.8 U	35	3.8 U	9.8	3.8 U	9.8	3.8 U
Aldrin	UG/KG	0	0.00%	41		337	0	0	14	1.8 U	2 U	2 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Alpha-BHC	UG/KG	1.5	7.69%	110			0	1	13	1.8 U	2 U	2 U	1.5 JP	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Alpha-Chlordane	UG/KG	1	7.69%				0	1	13	1.8 U	2 U	2 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 1016	UG/KG	0	0.00%		36792		0	0	14	37 U	39 U	38 U	37 U	38 U	38 U	38 U	38 U	38 U
Aroclor 1221	UG/KG	0	0.00%				0	0	14	74 U	79 U	78 U	74 U	76 U	76 U	76 U	76 U	76 U
Aroclor 1232	UG/KG	0	0.00%				0	0	14	37 U	39 U	38 U	37 U	38 U	38 U	38 U	38 U	38 U
Aroclor 1242	UG/KG	58	7.69%				0	1	13	37 U	39 U	38 U	37 U	38 U	38 U	38 U	38 U	38 U
Aroclor 1248	UG/KG	0	0.00%				0	0	14	37 U	39 U	38 U	37 U	38 U	38 U	38 U	38 U	38 U
Aroclor 1254	UG/KG	79	14.29%	10000	10512		0	2	14	37 U	39 U	38 U	37 U	38 U	38 U	38 U	38 U	38 U
Aroclor 1260	UG/KG	200	50.00%	10000			0	5	10	37 U	39 U	38 U	30 JP	200	38 U	38 U	38 U	38 U
Beta-BHC	UG/KG	0	0.00%	200			0	0	14	1.8 U	2 U	2 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Delta BHC	UG/KG	2	40.00%	300			0	4	10	1.8 U	2 U	2 U	0.95 JP	1.3 JP	1.3 JP	1.3 JP	1.3 JP	1.3 JP
Dieldrin	UG/KG	0	0.00%	44	358		0	0	14	3.7 U	3.9 U	3.8 U	3.7 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
Endosulfan I	UG/KG	0	0.00%	900	3153600		0	0	14	1.8 U	2 U	2 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Endosulfan II	UG/KG	0	0.00%	900	3153600		0	0	14	3.7 U	3.9 U	3.8 U	3.7 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
Endosulfan sulfate	UG/KG	0	0.00%	1000			0	0	14	3.7 U	3.9 U	3.8 U	3.7 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
Endrin	UG/KG	0	0.00%	100	157680		0	0	14	3.7 U	3.9 U	3.8 U	3.7 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
Endrin aldehyde	UG/KG	0	0.00%		157680		0	0	14	3.7 U	3.9 U	3.8 U	3.7 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
Endrin ketone	UG/KG	3.8	7.69%		157680		0	1	13	3.7 U	3.9 U	3.8 U	3.7 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
Gamma-BHC/Lindane	UG/KG	0	0.00%	60	4402		0	0	14	1.8 U	2 U	2 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Gamma-Chlordane	UG/KG	1.2	7.69%	540			0	1	13	1.8 U	2 U	2 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Heptachlor	UG/KG	2.1	7.69%	100	1272		0	1	13	1.8 U	2 U	2 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Heptachlor epoxide	UG/KG	2.8	27.27%	20	629		0	3	11	1.8 U	2 U	2 U	1.8 U	1.1 JP	1.1 JP	1.1 JP	1.1 JP	1.1 JP
Methoxychlor	UG/KG	0	0.00%		2628000		0	0	14	18 U	20 U	20 U	18 U	19 U	19 U	19 U	19 U	19 U
Toxaphene	UG/KG	0	0.00%				0	0	14	180 U	200 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U

Table 28.6
SEAD 121C Pesticides/PCBs in Soil vs. NYTAGM
Non Evaluated Sites

2/17/99

SITE DESCRIPTION	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C			
LOC ID	DRMO Yard SB121C-3	DRMO Yard SB121C-3	DRMO Yard SB121C-4	DRMO Yard SB121C-4	DRMO Yard SB121C-4	DRMO Yard SB121C-1	DRMO Yard SS121C-2	DRMO Yard SS121C-2	DRMO Yard SS121C-4	DRMO Yard SS121C-4			
SAMP_ID	EB233	EB234	EB020	EB229	EB230	EB235	EB236	EB237	EB241	EB241			
OC CODE	SA	SA	DU	SA	SA	SA	SA	SA	SA	SA			
SAMP DEPTH TOP	0	2.5	0	0	2.5	0	0	0	0	0			
SAMP DEPTH BOT	0.2	3	0.2	0.2	3	0.2	0.2	0.2	0.2	0.2			
MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
SAMP DATE	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	10-Mar-98			
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q		
4.4 DDD	UG/KG	3.6	U	3.8	U	3.6	U	3.5	U	7.4	3.5	U	
4.4 DDE	UG/KG	3.6	U	17	3.8	4.5	2.5	J	3.6	U	69	E	
4.4 DDT	UG/KG	3.6	U	16	1.9	J	2.3	JP	3.6	U	100	E	
Aldrin	UG/KG	1.9	U	2	U	1.8	U	1.8	U	1.9	U	1.8	U
Alpha BHC	UG/KG	1.9	U	2	U	1.8	U	1.8	U	1.9	U	1.8	U
Alpha-Chlordane	UG/KG	1.9	U	2	U	1.8	U	1.8	U	1.9	U	1	JP
Aroclor-1016	UG/KG	36	U	38	U	36	U	35	U	38	U	35	U
Aroclor-1221	UG/KG	74	U	78	U	73	U	72	U	74	U	74	U
Aroclor-1232	UG/KG	36	U	38	U	36	U	35	U	38	U	35	U
Aroclor-1242	UG/KG	36	U	38	U	36	U	35	U	38	U	36	U
Aroclor-1248	UG/KG	36	U	38	U	36	U	35	U	38	U	36	U
Aroclor-1254	UG/KG	36	U	38	U	36	U	35	U	38	U	36	U
Aroclor-1260	UG/KG	36	U	21	JP	36	U	35	U	38	U	85	P
Beta BHC	UG/KG	1.9	U	2	U	1.8	U	1.8	U	1.9	U	1.8	U
Delta BHC	UG/KG	1.9	U	2	U	1.8	U	1.8	U	1.9	U	1.2	JP
Dieldrin	UG/KG	3.6	U	3.8	U	3.6	U	3.5	U	3.6	U	3.6	U
Endosulfan I	UG/KG	1.9	U	2	U	1.8	U	1.8	U	1.9	U	1.8	U
Endosulfan II	UG/KG	3.6	U	3.8	U	3.6	U	3.5	U	3.6	U	3.6	U
Endosulfan sulfate	UG/KG	3.6	U	3.8	U	3.6	U	3.5	U	3.6	U	3.6	U
Endrin	UG/KG	3.6	U	3.8	U	3.6	U	3.5	U	3.6	U	3.6	U
Endrin aldehyde	UG/KG	3.6	U	3.8	U	3.6	U	3.5	U	3.6	U	3.6	U
Endrin ketone	UG/KG	3.6	U	3.8	U	3.6	U	3.5	U	3.6	U	3.6	U
Gamma-BHC/Lindane	UG/KG	1.9	U	2	U	1.8	U	1.8	U	1.9	U	1.8	U
Gamma-Chlordane	UG/KG	1.9	U	2	U	1.8	U	1.8	U	1.9	U	1.9	U
Heptachlor	UG/KG	1.9	U	2	U	1.8	U	1.8	U	1.9	U	1.8	U
Heptachlor epoxide	UG/KG	1.9	U	2	U	1.8	U	1.8	U	1.9	U	1.8	U
Methoxychlor	UG/KG	19	U	20	U	18	U	18	U	19	U	18	U
Toxaphene	UG/KG	190	U	200	U	180	U	180	U	190	U	180	U

Table 29.7
SEAD 121C - Freestyles/PCBs in SOIL vs. PRG IND
Non-Evaluated Sites

SOIL DESCRIPTION	LOC ID	SAMP ID	SAMP DT (H) (OP)	SAMP DT (H) (OO)	MATRIX	SAMP DATE	PARAMETER	UNITS	MAXIMUM	FREQUENCY OF DETECTION	LAGM	PRG IND	NUMBER OF ANALYSES	NUMBER OF DETECTS	NUMBER ABOVE LAGM	SEAD 121C DRMO Yield SOIL21C.2 110226 SA	SEAD 121C DRMO Yield SOIL21C.1 110212 SA	SEAD 121C DRMO Yield SOIL21C.2 11004 DU	SEAD 121C DRMO Yield SOIL21C.2 110228 SA	SEAD 121C DRMO Yield SOIL21C.2 110228 SA	SEAD 121C DRMO Yield SOIL21C.2 110228 SA
4.1 BBD	69	2190					23817	UG/KG	7.14%	2960		1	14	0	0	0.2	0.2	0.2	0.2	0.2	0.2
4.1 BDD	100	2190					16833	UG/KG	64.29%	2190		8	13	0	0	0.2	0.2	0.2	0.2	0.2	0.2
4.1 BDD	100	2190					16833	UG/KG	64.54%	2190		8	13	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Alum	0	41					31*	UG/KG	0.00%	41		0	0	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Alpha-BHC	1.5	110						UG/KG	7.69%	110		1	13	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Alpha-Chlordane	1						36792	UG/KG	0.00%			0	14	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Aroclor 1016	0							UG/KG	0.00%			0	14	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Aroclor 1221	0							UG/KG	0.00%			0	14	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Aroclor 1232	0							UG/KG	0.00%			0	14	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Aroclor 1238	88							UG/KG	0.00%			0	14	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Aroclor 1254	79						10532	UG/KG	14.29%	10900		2	14	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Aroclor 1260	200							UG/KG	50.00%	10900		5	10	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Beta-BHC	0	209						UG/KG	0.00%	209		0	14	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Delta-BHC	2	309						UG/KG	40.00%	309		1	10	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Dieldrin	0	44					358	UG/KG	0.00%	44		0	14	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Endosulfan I	0	900					3153699	UG/KG	0.00%	900		0	14	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Endosulfan II	0	900					3153699	UG/KG	0.00%	900		0	14	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Endosulfan sulfate	0	1090						UG/KG	0.00%	1090		0	14	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Gamma-BHC/Alumane	1.8	60					157680	UG/KG	0.00%	60		0	14	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Gamma-Chlordane	1.2	540					157680	UG/KG	0.00%	540		1	13	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Heptachlor	2.1	109					4402	UG/KG	7.69%	109		1	14	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Heptachlor epoxide	2.8	20					1272	UG/KG	27.27%	20		3	11	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Methoxychlor	0						2638093	UG/KG	0.00%			0	14	0	0	0.2	0.2	0.2	0.2	0.2	0.2
Toxaphene	0							UG/KG	0.00%			0	14	0	0	0.2	0.2	0.2	0.2	0.2	0.2

Table 28.7
SFAD 121C - Pesticide Specifics in SOI's - PRG-IND
Non-Foliating Sites

Site	SFAD 121C DRMO Yand SS121C-1 TDE31 SA	SFAD 121C DRMO Yand SS121C-1 TDE31 SA	SFAD 121C DRMO Yand SS121C-1 TDE31 SA	SFAD 121C DRMO Yand SS121C-1 TDE31 SA	SFAD 121C DRMO Yand SS121C-1 TDE31 SA	SFAD 121C DRMO Yand SS121C-1 TDE31 SA
PARSONS	3.8 U	0	0	0	0	0
1-1 B01	1.7	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
1-1 B01	1.6	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
1-1 B01	1.7	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
Alpha-BHC	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Alpha-BHC	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Alpha-Chlorobenzene	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Axonox 1016	38 U	38 U	38 U	38 U	38 U	38 U
Axonox 1221	38 U	38 U	38 U	38 U	38 U	38 U
Axonox 1232	38 U	38 U	38 U	38 U	38 U	38 U
Axonox 1242	38 U	38 U	38 U	38 U	38 U	38 U
Axonox 1248	38 U	38 U	38 U	38 U	38 U	38 U
Axonox 1254	38 U	38 U	38 U	38 U	38 U	38 U
Axonox 1266	21 PP	38 U	38 U	38 U	38 U	38 U
Beta-BHC	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Delta-BHC	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Dieldrin	3.8 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
Endosulfan I	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Endosulfan II	3.8 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
Endosulfan sulfate	3.8 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
Endrin	3.8 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
Endrin aldehyde	3.8 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
Endrin ketone	3.8 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
Gamma-BHC (beta isomer)	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Gamma-Chlorobenzene	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Heptachlor	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Heptachlor epoxide	2 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Melphoschlor	20 U	18 U	18 U	18 U	18 U	18 U
Triphenylene	200 U	180 U	180 U	180 U	180 U	180 U

Table 28-8
SEAD-121C- Metals in Soil vs. NYTAGM
Non-Evaluated Sites

2/17/99

SITE DESCRIPTION LOC ID SAMP_ID QC CODE SAMP DETH TOP SAMP DEPTH BOT MATRIX SAMP DATE	PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C	SEAD-121C
										DRMO Yard SB121C-2 EB226 SA	DRMO Yard SB121C-1 EB231 SA	DRMO Yard SB121C-1 EB232 SA	DRMO Yard SB121C-2 EB014 DU	DRMO Yard SB121C-2 EB228 SA	DRMO Yard SB121C-3 EB233 SA
									SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
									9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	9-Mar-98	
									VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	
									Q	Q	Q	Q	Q	Q	
	Aluminum	MG/KG	15200 0	100 00%	19520	525600	0	14	14	15100	12800	13400	14500	16200	1730
	Antimony	MG/KG	19.3	433 33%	6	210	3	13	3	17.3 N	1.1 BN	1.4 BN	19.3 N	17.3 BN	0.93 BN
	Arsenic	MG/KG	8.1	100 00%	8.9	4	0	14	14	6.5	5.5	4.4	6.1	6.1	3.8
	Barium	MG/KG	1600 0	100 00%	300	36792	4	14	14	1400	64.9	64.2	1600	1600	18.1 B
	Beryllium	MG/KG	0.7	100 00%	1.13	1	0	14	14	0.47 B	0.52 B	0.72 B	0.4 B	0.43 B	0.25 B
	Cadmium	MG/KG	21.1	50 00%	2.46	263	6	7	14	2.3 *	0.07 U	0.07 U	1.7 *	1.1	0.07 U
	Calcium	MG/KG	296000 0	100 00%	125300		3	14	14	23400	2580 *	2280 *	31300	31600 *	31300 *
	Chromium	MG/KG	49.2	100 00%	30	525600	6	14	14	15.7 *	20.9	21	32.9 *	37	3.8
	Cobalt	MG/KG	19.7	100 00%	30	31536	0	14	14	15.7	12.8	9.4 B	16.5	16	3.5 B
	Copper	MG/KG	9750 0	100 00%	33	21024	9	14	14	9750 *	19.7 N*	18.7 N*	1690 *	2448 N*	8.8 N*
	Cyanide	MG/KG	0.0	0 00%	0.35		0	14	14	0.56 U	0.63 U	0.65 U	0.59 U	0.63 U	0.58 U
	Iron	MG/KG	54100 0	100 00%	37410	157680	5	14	14	11000	25700	23800	41100	54100	4230
	Lead	MG/KG	5280 0	100 00%	24.4		10	14	14	5000	11.8	14.1	4200	1700	11.7
	Magnesium	MG/KG	15400 0	100 00%	21700		0	14	14	6810 *	4590	4040	6820 *	6480	10200
	Manganese	MG/KG	752 0	100 00%	1100	12089	0	14	14	525	598	299	612	752	213
	Mercury	MG/KG	0.2	50 00%	0.1	158	2	7	14	0.07 B	0.06 U	0.05 B	0.05 U	0.07 B	0.04 U
	Nickel	MG/KG	224 0	116 67%	50	10512	8	14	14	54.3 E*	40.5	35.8	54.3 E*	54.3 E*	11.6
	Potassium	MG/KG	1990 0	100 00%	2623		0	14	14	1990	1600	1670	1840	1220	1150
	Selenium	MG/KG	0.0	0 00%	2	2628	0	14	14	1 UN	1.1 U	1.1 U	0.92 UN	0.97 U	1 U
	Silver	MG/KG	21.8	28 57%	0.8	2828	4	4	14	0.46 U	0.48 U	0.48 U	0.41 U	0.43 U	0.46 U
	Sodium	MG/KG	608 0	57 14%	188		6	8	14	392 B	139 U	138 U	400 B	400 B	132 U
	Thallium	MG/KG	0.0	0 00%	0.855	42	0	0	14	1.4 U	1.4 UN	1.4 UN	1.2 U	1.3 UN	1.4 UN
	Vanadium	MG/KG	21.8	100 00%	150	3679	0	14	14	20.8 E	20.8	21.8	19.5 E	19.3	5.1 B
	Zinc	MG/KG	1350 0	100 00%	115	157680	10	14	14	1300	80.3 N	70.5 N	1300	1300 N	29.8 N

Table 28-8
SEAD-121C- Metals in Soil vs NYTAGM
Non-Evaluated Sites

2/17/99

SITE DESCRIPTION LOC ID SAMP_ID QC CODE SAMP DEPTH TOP SAMP DEPTH BOT MATRIX SAMP DATE	SEAD-121C DRMO Yard SB121C-3 EB234 SA		SEAD-121C DRMO Yard SB121C-4 EB020 DU		SEAD-121C DRMO Yard SB121C-4 EB229 SA		SEAD-121C DRMO Yard SB121C-4 EB230 SA		SEAD-121C DRMO Yard SS121C-1 EB235 SA		SEAD-121C DRMO Yard SS121C-2 EB236 SA		SEAD-121 DRMO Yard SS121C-3 EB237 SA		SEAD-121C DRMO Yard SS121C-4 EB241 SA	
	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Aluminum	8880		14400		13000		15700		12800		12600		7650		2700	
Antimony	0.98 BN		1.7 BN		0.81 BN		0.69 UN		2.5 BN		2.2 BN		3.4 BN		2.9 BN	
Arsenic	4.6		5		3.7		6.4		5.2		6.3		6.4		5.4	
Barium	46.3 B		86.6		69.6		72.4		57.7		252		394		90.6	
Beryllium	0.32 B		0.57 B		0.49 B		0.63 B		0.56 B		0.48 B		0.3 B		0.21 B	
Cadmium	0.07 U		0.07 U		0.05 U		0.06 U		21.1		7.1		16.5		12.6	
Calcium	97200 *		17200 *		25500 *		13000 *		11800 *		53100 *		129000 *		256000 *	
Chromium	13.1		27.8		22.6		30		32.9		45.7		49.2		9.2	
Cobalt	7.7 B		17.6		12.5		19.7		14		15.5		11.3		9.6 B	
Copper	20.6 N*		39.1 N*		33 N*		39.1 N*		139 N*		324 N*		383 N*		332 N*	
Cyanide	0.58 U		0.56 U		0.61 U		0.63 U		0.62 U		0.53 U		0.59 U		0.54 U	
Iron	16500		32000		25900		35600		41300		43600		35000		8050	
Lead	36.2		27.1		23.5		33		78.2		251		377		171	
Magnesium	8000		6980		5630		7500		6220		12800		8770		15400	
Manganese	473		413		358		384		364		403		494		407	
Mercury	0.06 U		0.04 U		0.04 U		0.06 B		0.05 U		0.1		0.13		0.13	
Nickel	22.3		49.3		49.3		49.7		58.6		124		42.5		19.5	
Potassium	1500		1980		1450		1870		1480		1890		1600		1290	
Selenium	1.1 U		1 U		0.8 U		0.92 U		1 U		0.95 U		1 U		1 U	
Silver	0.49 U		0.46 U		0.36 U		0.41 U		21.8		13 B		47		21 B	
Sodium	141 U		132 U		110 B		119 U		223 B		196 B		295 B		147 B	
Thallium	1.5 UN		1.4 UN		1.1 UN		1.2 UN		1.4 UN		1.3 UN		1.4 UN		1.3 UN	
Vanadium	14.4		21		17		21.7		18.6		20.1		21.5		8.5 B	
Zinc	77.6 N		133 N		136 N		138 N		385 N		431 N		525 N		298 N	

Table 7B.9
SF-AD 121C Metals in Soil vs. PRG (ND)
Near Evaluated Sites

SUF DESCRIPTION LOC ID SAMP ID Q# CODE SAMP DEPTH (OP) MATRIX	PARAMETER	REQUIREMENT		LUGM	PRG (RD)	NUMBER ADDED	NUMBER OF POINTS	NUMBER OF ANALYSES	SF-AD 121C DRMO Y and SH121C 1 10211 SA	SF-AD 121C DRMO Y and SH121C 2 10226 SA	SF-AD 121C DRMO Y and SH121C 1 10228 SA	SF-AD 121C DRMO Y and SH121C 2 10228 SA	SF-AD 121C DRMO Y and SH121C 3 10233 SA
		MAXIMUM	MINIMUM										
Aluminum	MEASG	11200	100.00%	19520	325600.0	11	11	11	12900 Q	13400 Q	14300 Q	10200 Q	1770
Antimony	MEASG	19.4	414.33%	6	270.0	11	11	11	1.4 LN	1.4 LN	1.4 LN	11.5 LN	0.93
Arsenic	MEASG	8.1	100.00%	8.9	4.7	11	11	11	4.4	4.4	4.4	8.1	3.8
Barium	MEASG	1660	100.00%	300	4692.0	11	11	11	642	642	642	1090	18.1
Beryllium	MEASG	0.72	100.00%	1.1	1.0	11	11	11	0.72 B	0.72 B	0.72 B	0.43 B	0.25
Cadmium	MEASG	21.1	50.00%	2.46	26.3	7	7	7	0.07 U	0.07 U	0.07 U	8.1	0.07
Calcium	MEASG	200000	100.00%	125000	25600.0	11	11	11	2280 *	2280 *	2280 *	3160 *	28000
Chromium	MEASG	39.2	100.00%	30	35.2	11	11	11	21	21	21	37	3.8
Cobalt	MEASG	19.7	100.00%	30	118.6	11	11	11	9.4 B	9.4 B	9.4 B	16	3.5
Copper	MEASG	9750	100.00%	0.33	2102.4	14	14	14	18.7 N*	18.7 N*	18.7 N*	2440 N*	8.8
Cyanide	MEASG	0	100.00%	0.33	0.0	14	14	14	0.65 U	0.65 U	0.65 U	0.63 U	0.58
Iron	MEASG	64100	100.00%	37110	157680.0	14	14	14	23000	23000	23000	54100	4230
Lead	MEASG	15200	100.00%	2110	0.0	14	14	14	14.1	14.1	14.1	1780	11.7
Manganese	MEASG	18200	100.00%	21700	12080.0	14	14	14	4000	4000	4000	6200	10200
Mercury	MEASG	753	100.00%	1100	0.0	14	14	14	578	578	578	620	11.7
Molybdenum	MEASG	0.15	50.00%	0.11	138.0	7	7	7	0.05 B	0.05 B	0.05 B	0.07 B	0.04
Nickel	MEASG	224	116.67%	50	1051.2	14	14	14	35.8	35.8	35.8	54.2 J*	11.6
Potassium	MEASG	1000	100.00%	2623	10512.0	14	14	14	1600	1600	1600	1320	1150
Selenium	MEASG	0	0.00%	0	2628.0	0	0	0	1.1 U	1.1 U	1.1 U	0.93 LN	0.46
Silver	MEASG	21.8	28.57%	0.8	2628.0	3	3	3	0.48 U	0.48 U	0.48 U	0.97 U	0.36
Sodium	MEASG	606	57.14%	188	0.0	8	8	8	138 U	138 U	138 U	214 B	132
Sulfur	MEASG	0	0.00%	0.855	42.0	14	14	14	1.4 LN	1.4 LN	1.4 LN	1.3 LN	1.4
Vanadium	MEASG	21.8	100.00%	150	3679.0	14	14	14	21.8	21.8	21.8	19.3	5.1
Zinc	MEASG	1350	100.00%	115	157680.0	11	11	11	70.5 N	70.5 N	70.5 N	601 N	29.8

Table 28.9
SEAD-171C: Metals in Soil vs PRG IND
Non Evaluated Sites

SITE	DESCRIP/ID	TOC ID	SAMP ID	CK CODE	SAMP DPTH TOP	SAMP DPTH BOT	MATRIX	SAMP DPTH	SEAD-171C		SEAD-171C		SEAD-171C		SEAD-171C		SEAD-171C		
									DRMO Yrtd	SS121C-1	DRMO Yrtd	SS121C-2	DRMO Yrtd	SS121C-1	DRMO Yrtd	SS121C-1	DRMO Yrtd	SS121C-1	
									VALU	Q	VALU	Q	VALU	Q	VALU	Q	VALU	Q	
									0.98 IN	8880	0.81 IN	13900	12800	2.5 IN	12800	2.2 IN	12600	7.9	2700
									4.6	5	3.7	6.4	5.2	6.3	6.4	6.3	3.4 IN	2.9 IN	5.4
									46.3 B	86.6	69.6	73.1	67.9	252	391	901.6	391	901.6	901.6
									0.32 B	0.57 B	0.49 B	0.63 B	0.56 B	0.48 B	0.5 B	0.21 B	0.5 B	0.21 B	0.21 B
									0.07 U	0.07 U	0.05 U	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
									97200 *	17200 *	25500 *	11800 *	11800 *	53100 *	12000 *	290000 *	12000 *	290000 *	290000 *
									13.1	27.8	22.6	32.9	32.9	45.7	49.2	9.2	49.2	9.2	9.2
									7.7 B	17.6	12.5	11	11	15.5	11.3	9.6 B	11.3	9.6 B	9.6 B
									20.6 N*	39.4 N*	33.8 N*	19.8 N*	19.8 N*	32.1 N*	38.3 N*	53.2 N*	38.3 N*	53.2 N*	
									0.58 U	0.56 U	0.61 U	0.62 U	0.62 U	0.63 U	0.59 U	0.54 U	0.54 U	0.54 U	
									16500	33000	25900	41300	41300	43600	35000	8050	8050	8050	
									30.9	27.1	23.5	38.2	38.2	251	171	171	171	171	
									8000	6500	5600	6200	6200	12000	8700	15000	8700	15000	
									471	113	550	391	391	403	494	407	407	407	
									0.06 U	0.04 U	0.04 U	0.06 U	0.05 U	0.1	0.15	0.13	0.13	0.13	
									22.3	61.8	49.3	58.6	58.6	224	62.5	19.5	62.5	19.5	
									1500	1980	1540	1380	1380	1890	1600	1290	1600	1290	
									1.1 U	1.1	0.8 U	1.1	1.1	0.99 U	1.1	1.1	1.1	1.1	
									0.49 U	0.46 U	0.46 U	0.41 U	0.41 U	0.41 U	0.47	2.1 B	2.1 B	2.1 B	
									1.1	1.2	1.0	2.8	2.8	1.3 B	4.7	147 B	147 B	147 B	
									14.4 UN	3.1 UN	1.4 UN	1.4 UN	1.4 UN	21.5 UN	21.5 UN	21.5 UN	21.5 UN	21.5 UN	
									14.4	13	11	18.6	18.6	20.1	52.5 N	52.5 N	52.5 N	52.5 N	
									77.6 N	153 N	196 N	158 N	158 N	431 N	431 N	431 N	431 N	431 N	

Table 28-10
S121C - Volatiles in Groundwater vs Class GA
Non Evaluated Sites

2/18/99

SITE DESCRIPTION								SEAD-121C DRMO Yard MW121C-1 EB023 DU		SEAD-121C DRMO Yard MW121C-1 EB153 SA		SEAD-121C DRMO Yard MW121C-2 EB154 SA				
SAMP_ID								0		2.1		1.6				
QC CODE								0		9.7		5.1				
SAMP_DEPTH TOP								GROUNDWATER		GROUNDWATER		GROUNDWATER				
SAMP_DEPTH BOT								17-Mar-98		17-Mar-98		17-Mar-98				
MATRIX																
SAMP_DATE		FREQUENCY OF		NYS CLASS GA		DRINKING WATER		NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q
PARAMETER	UNIT	MAXIMUM	DETECTION													
1,1,1-Trichloroethane	UG/L	0	0.00%		5.00	792.55	0	0	3	1 U		1 U	1 U		1 U	
1,1,2,2-Tetrachloroethane	UG/L	0	0.00%		5.00	0.52	0	0	3	1 U		1 U	1 U		1 U	
1,1,2-Trichloroethane	UG/L	0	0.00%			0.19	0	0	3	1 U		1 U	1 U		1 U	
1,1-Dichloroethane	UG/L	0	0.00%		5.00	811.74	0	0	3	1 U		1 U	1 U		1 U	
1,1-Dichloroethene	UG/L	0	0.00%		5.00	0.04	0	0	3	1 U		1 U	1 U		1 U	
1,2-Dibromo-3-chloropropan	UG/L	0	0.00%		5.00	0.12	0	0	3	1 U		1 U	1 U		1 U	
1,2-Dibromoethane	UG/L	0	0.00%		5.00		0	0	3	1 U		1 U	1 U		1 U	
1,2-Dichlorobenzene	UG/L	0	0.00%		5.00	0.99	0	0	3	1 U		1 U	1 U		1 U	
1,2-Dichloroethane	UG/L	0	0.00%		5.00	0.12	0	0	3	1 U		1 U	1 U		1 U	
1,2-Dichloropropane	UG/L	0	0.00%		5.00	0.99	0	0	3	1 U		1 U	1 U		1 U	
1,3-Dichlorobenzene	UG/L	0	0.00%		5.00	3200.00	0	0	3	1 U		1 U	1 U		1 U	
1,4-Dichlorobenzene	UG/L	0	0.00%		4.70	2.80	0	0	3	1 U		1 U	1 U		1 U	
Acetone	UG/L	61	100.00%			3650.00	0	3	3	52		61	36			
Benzene	UG/L	0	0.00%		0.70	0.36	0	0	3	1 U		1 U	1 U		1 U	
Bromochloromethane	UG/L	0	0.00%			1.08	0	0	3	1 U		1 U	1 U		1 U	
Bromodichloromethane	UG/L	1	33.33%			1.10	0	1	3	1 U		1 U	1			
Bromoform	UG/L	0	0.00%			2.35	0	0	3	1 U		1 U	1 U		1 U	
Carbon disulfide	UG/L	4	100.00%			1042.86	0	3	3	2		2	4			
Carbon tetrachloride	UG/L	0	0.00%		5.00	0.16	0	0	3	1 U		1 U	1 U		1 U	
Chlorobenzene	UG/L	0	0.00%		5.00	39.43	0	0	3	1 U		1 U	1 U		1 U	
Chlorodibromomethane	UG/L	2	33.33%			0.80	0	1	3	1 U		1 U	2			
Chloroethane	UG/L	0	0.00%		5.00	8591.77	0	0	3	1 U		1 U	1 U		1 U	
Chloroform	UG/L	0	0.00%		7.00	0.15	0	0	3	1 U		1 U	1 U		1 U	
Cis-1,2-Dichloroethene	UG/L	0	0.00%		5.00		0	0	3	1 U		1 U	1 U		1 U	
Cis-1,3-Dichloropropene	UG/L	0	0.00%		5.00		0	0	3	1 U		1 U	1 U		1 U	
Ethyl benzene	UG/L	0	0.00%		5.00	1328.12	0	0	3	1 U		1 U	1 U		1 U	
Methyl bromide	UG/L	0	0.00%			8.70	0	0	3	1 U		1 U	1 U		1 U	
Methyl butyl ketone	UG/L	0	0.00%				0	0	3	5 U		5 U	5 U		5 U	
Methyl chloride	UG/L	0	0.00%		5.00	1.44	0	0	3	1 U		1 U	1 U		1 U	
Methyl ethyl ketone	UG/L	0	0.00%		50.00		0	0	3	5 U		5 U	5 U		5 U	
Methyl isobutyl ketone	UG/L	0	0.00%			158.12	0	0	3	5 U		5 U	5 U		5 U	
Methylene chloride	UG/L	0	0.00%		5.00	4.12	0	0	3	2 U		2 U	2 U		2 U	
Styrene	UG/L	0	0.00%				0	0	3	1 U		1 U	1 U		1 U	
Tetrachloroethene	UG/L	0	0.00%		5.00	1.07	0	0	3	1 U		1 U	1 U		1 U	
Toluene	UG/L	1	33.33%		5.00	747.04	0	1	3	1 U		1	1 U		1 U	
Total Xylenes	UG/L	0	0.00%		5.00	73000.00	0	0	3	1 U		1 U	1 U		1 U	
Trans-1,2-Dichloroethene	UG/L	0	0.00%		5.00		0	0	3	1 U		1 U	1 U		1 U	
Trans-1,3-Dichloropropene	UG/L	0	0.00%		5.00		0	0	3	1 U		1 U	1 U		1 U	
Trichloroethene	UG/L	0	0.00%		5.00	1.56	0	0	3	1 U		1 U	1 U		1 U	
Vinyl chloride	UG/L	0	0.00%		2.00	0.02	0	0	3	1 U		1 U	1 U		1 U	

Table 28-11
 S121C Volatiles in Ground Water vs DRINKING WATER STANDARDS
 Non-Evaluated Sites

2/18/99

SITE								SEAD-121C	SEAD-121C	SEAD-121C				
DESCRIPTION								DRMO Yard	DRMO Yard	DRMO Yard				
LOC ID								MW121C-1	MW121C-1	MW121C-2				
SAMP_ID								EB023	EB153	EB154				
QC CODE								DU	SA	SA				
SAMP DETH TOP								0	2.1	1.6				
SAMP DEPTH BOT.								0	9.7	5.1				
MATRIX								GROUNDWATER	GROUNDWATER	GROUNDWATER				
SAMP DATE								17-Mar-98	17-Mar-98	17-Mar-98				
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYS CLASS GA	DRINKING WATER	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	UG/L	0	0.00%	5.00	792.55	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	UG/L	0	0.00%	5.00	0.52	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	UG/L	0	0.00%		0.19	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	UG/L	0	0.00%	5.00	811.74	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	UG/L	0	0.00%	5.00	0.04	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropan	UG/L	0	0.00%	5.00	0.12	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	UG/L	0	0.00%	5.00		0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	UG/L	0	0.00%	5.00	0.99	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	UG/L	0	0.00%	5.00	0.12	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	UG/L	0	0.00%	5.00	0.99	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	UG/L	0	0.00%	5.00	3200.00	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	UG/L	0	0.00%	4.70	2.80	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
Acetone	UG/L	61	100.00%		3650.00	0.00	3	3	52	61	36	36	36	36
Benzene	UG/L	0	0.00%	0.70	0.36	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	UG/L	0	0.00%		1.08	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	UG/L	1	33.33%		1.10	0.00	1	3	3	1 U	1 U	1 U	1 U	1 U
Bromoform	UG/L	0	0.00%		2.35	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	UG/L	4	100.00%		1042.86	0.00	3	3	2	2	4	4	4	4
Carbon tetrachloride	UG/L	0	0.00%	5.00	0.16	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	UG/L	0	0.00%	5.00	39.43	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
Chlorodibromomethane	UG/L	2	33.33%		0.80	1.00	1	3	3	1 U	1 U	1 U	1 U	1 U
Chloroethane	UG/L	0	0.00%	5.00	8591.77	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
Chloroform	UG/L	0	0.00%	7.00	0.15	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethene	UG/L	0	0.00%	5.00		0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	UG/L	0	0.00%	5.00		0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
Ethyl benzene	UG/L	0	0.00%	5.00	1328.12	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
Methyl bromide	UG/L	0	0.00%		8.70	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
Methyl butyl ketone	UG/L	0	0.00%			0.00	0	3	5 U	5 U	5 U	5 U	5 U	5 U
Methyl chloride	UG/L	0	0.00%	5.00	1.44	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
Methyl ethyl ketone	UG/L	0	0.00%	50.00		0.00	0	3	5 U	5 U	5 U	5 U	5 U	5 U
Methyl isobutyl ketone	UG/L	0	0.00%		158.12	0.00	0	3	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	UG/L	0	0.00%	5.00	4.12	0.00	0	3	2 U	2 U	2 U	2 U	2 U	2 U
Styrene	UG/L	0	0.00%			0.00	0	3	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	UG/L	0	0.00%	5.00	1.07	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
Toluene	UG/L	1	33.33%	5.00	747.04	0.00	1	3	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	UG/L	0	0.00%	5.00	73000.00	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	UG/L	0	0.00%	5.00		0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	UG/L	0	0.00%	5.00		0.00	0	3	3	1 U	1 U	1 U	1 U	1 U
Trichloroethene	UG/L	0	0.00%	5.00	1.56	0.00	0	3	3	1 U	1 U	1 U	1 U	1 U

Table 28-12
S121C - Semivolatiles in Groundwater vs. Class GA
Non Evaluated Sites

2/18/99

SITE								SEAD-121C	SEAD-121C	SEAD-121C				
DESCRIPTION								DRMO Yard	DRMO Yard	DRMO Yard				
LOC ID								MW121C-1	MW121C-1	MW121C-2				
SAMP_ID								EB023	EB153	EB154				
QC CODE								DU	SA	SA				
SAMP_DETH_TOP								0	2.1	1.6				
SAMP_DEPTH_BOT								0	9.7	5.1				
MATRIX								GROUNDWATER	GROUNDWATER	GROUNDWATER				
SAMP_DATE								17-Mar-98	17-Mar-98	17-Mar-98				
PARAMETER	UNIT	FREQUENCY	OF	NYS CLASS GA	DRINKING WATER	NUMBER	NUMBER	NUMBER	VALUE	Q	VALUE	Q	VALUE	Q
		MAXIMUM	DETECTION			ABOVE	OF	OF						
						TAGM	DETECTS	ANALYSES						
1,2,4-Trichlorobenzene	UG/L	0	0.00%	5.00	194.60	0	0	3	3		1.1 U		1.1 U	
1,2-Dichlorobenzene	UG/L	0	0.00%	4.70	268.16	0	0	3	3		1.1 U		1.1 U	
1,3-Dichlorobenzene	UG/L	0	0.00%	5.00	3248.50	0	0	3	3		1.1 U		1.1 U	
1,4-Dichlorobenzene	UG/L	0	0.00%	4.70	2.80	0	0	3	3		1.1 U		1.1 U	
2,4,5-Trichlorophenol	UG/L	0	0.00%		3650.00	0	0	3	3		2.7 U		2.8 U	
2,4,6-Trichlorophenol	UG/L	0	0.00%		0.97	0	0	3	3		1.1 U		1.1 U	
2,4-Dichlorophenol	UG/L	0	0.00%		109.50	0	0	3	3		1.1 U		1.1 U	
2,4-Dimethylphenol	UG/L	0	0.00%	5.00	730.00	0	0	3	3		1.1 U		1.1 U	
2,4-Dinitrophenol	UG/L	0	0.00%		73.00	0	0	3	3		2.7 U		2.8 U	
2,4-Dinitrotoluene	UG/L	0	0.00%	5.00	73.00	0	0	3	3		1.1 U		1.1 U	
2,6-Dinitrotoluene	UG/L	0	0.00%	5.00	36.50	0	0	3	3		1.1 U		1.1 U	
2-Chloronaphthalene	UG/L	0	0.00%			0	0	3	3		1.1 U		1.1 U	
2-Chlorophenol	UG/L	0	0.00%		182.50	0	0	3	3		1.1 U		1.1 U	
2-Methylnaphthalene	UG/L	0	0.00%			0	0	3	3		1.1 U		1.1 U	
2-Methylphenol	UG/L	0	0.00%	5.00	1825.00	0	0	3	3		1.1 U		1.1 U	
2-Nitroaniline	UG/L	0	0.00%		0.35	0	0	3	3		2.7 U		2.8 U	
2-Nitrophenol	UG/L	0	0.00%			0	0	3	3		1.1 U		1.1 U	
3,3'-Dichlorobenzidine	UG/L	0	0.00%		0.15	0	0	3	3		1.1 U		1.1 U	
3-Nitroaniline	UG/L	0	0.00%		109.50	0	0	3	3		2.7 U		2.8 U	
4,6-Dinitro-2-methylphenol	UG/L	0	0.00%	5.00		0	0	3	3		2.7 U		2.8 U	
4-Bromophenyl phenyl ether	UG/L	0	0.00%		2117.00	0	0	3	3		1.1 U		1.1 U	
4-Chloro-3-methylphenol	UG/L	0	0.00%			0	0	3	3		1.1 U		1.1 U	
4-Chloroaniline	UG/L	0	0.00%	5.00	146.00	0	0	3	3		1.1 U		1.1 U	
4-Chlorophenyl phenyl ether	UG/L	0	0.00%			0	0	3	3		1.1 U		1.1 U	
4-Methylphenol	UG/L	0	0.00%	5.00		0	0	3	3		1.1 U		1.1 U	
4-Nitroaniline	UG/L	0	0.00%	5.00	109.50	0	0	3	3		2.7 U		2.8 U	
4-Nitrophenol	UG/L	0	0.00%		2190.00	0	0	3	3		2.7 U		2.8 U	
Acenaphthene	UG/L	0	0.00%			0	0	3	3		1.1 U		1.1 U	
Acenaphthylene	UG/L	0	0.00%			0	0	3	3		1.1 U		1.1 U	
Anthracene	UG/L	0	0.00%		10950.00	0	0	3	3		1.1 U		1.1 U	
Benzo[a]anthracene	UG/L	0	0.00%		0.02	0	0	3	3		1.1 U		1.1 U	
Benzo[a]pyrene	UG/L	0	0.00%	10.00	0.00	0	0	3	3		1.1 U		1.1 U	
Benzo[b]fluoranthene	UG/L	0	0.00%		0.02	0	0	3	3		1.1 U		1.1 U	
Benzo[ghi]perylene	UG/L	0	0.00%			0	0	3	3		1.1 U		1.1 U	
Benzo[k]fluoranthene	UG/L	0	0.00%		0.17	0	0	3	3		1.1 U		1.1 U	
Bis(2-Chloroethoxy)methane	UG/L	0	0.00%			0	0	3	3		1.1 U		1.1 U	
Bis(2-Chloroethyl)ether	UG/L	0	0.00%		0.01	0	0	3	3		1.1 U		1.1 U	
Bis(2-Chloroisopropyl)ether	UG/L	0	0.00%		0.26	0	0	3	3		1.1 U		1.1 U	
Bis(2-Ethylhexyl)phthalate	UG/L	0.4	200.00%	50.00	4.80	0	2	1	1		0.23 JB		0.4 JB	
Butylbenzylphthalate	UG/L	0.12	33.33%		7300.00	0	1	3	3		0.12 J		1.1 U	
Carbazole	UG/L	0	0.00%		3.36	0	0	3	3		1.1 U		1.1 U	
Chrysene	UG/L	0	0.00%		1.68	0	0	3	3		1.1 U		1.1 U	
Di-n-butylphthalate	UG/L	1.7	66.67%	50.00		0	2	3	3		1.7		0.79 J	
Di-n-octylphthalate	UG/L	0	0.00%		730.00	0	0	3	3		1.1 U		1.1 U	
Dibenz[a,h]anthracene	UG/L	0	0.00%		0.00	0	0	3	3		1.1 U		1.1 U	
Dibenzofuran	UG/L	0	0.00%		146.00	0	0	3	3		1.1 U		1.1 U	
Diethyl phthalate	UG/L	0.057	33.33%		29200.00	0	1	3	3		0.057 J		1.1 U	
Dimethylphthalate	UG/L	0	0.00%		365000.00	0	0	3	3		1.1 U		1.1 U	
Fluoranthene	UG/L	0	0.00%		1460.00	0	0	3	3		1.1 U		1.1 U	
Fluorene	UG/L	0.48	33.33%		1460.00	0	1	3	3		1.1 U		0.48 J	
Hexachlorobenzene	UG/L	0	0.00%	0.35	0.01	0	0	3	3		1.1 U		1.1 U	
Hexachlorobutadiene	UG/L	0.4	66.67%		0.14	0	2	3	3		0.061 J		0.4 J	
Hexachlorocyclopentadiene	UG/L	0	0.00%		0.15	0	0	3	3		1.1 U		1.1 U	
Hexachloroethane	UG/L	0	0.00%		0.75	0	0	3	3		1.1 U		1.1 U	
Indeno[1,2,3-cd]pyrene	UG/L	0	0.00%		0.02	0	0	3	3		1.1 U		1.1 U	
Isophorone	UG/L	0	0.00%			0	0	3	3		1.1 U		1.1 U	
N-Nitrosodiphenylamine	UG/L	0	0.00%		13.72	0	0	3	3		1.1 U		1.1 U	

Table 28-12
 S121C - Semivolatiles in Groundwater vs Class GA
 Non Evaluated Sites

SITE								SEAD-121C	SEAD-121C	SEAD-121C				
DESCRIPTION								DRMO Yard	DRMO Yard	DRMO Yard				
LOC ID								MW121C-1	MW121C-1	MW121C-2				
SAMP_ID								EB023	EB153	EB154				
QC CODE								DU	SA	SA				
SAMP_DEPTH TOP								0	2.1	1.6				
SAMP_DEPTH BOT								0	9.7	5.1				
MATRIX								GROUNDWATER	GROUNDWATER	GROUNDWATER				
SAMP_DATE								17-Mar-98	17-Mar-98	17-Mar-98				
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYS CLASS GA	DRINKING WATER	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q
N-Nitrosodipropylamine	UG/L	0	0.00%		0.01	0	0	3			1.1	U	1.1	U
Naphthalene	UG/L	0	0.00%		1460.00	0	0	3			1.1	U	1.1	U
Nitrobenzene	UG/L	0	0.00%		3.39	0	0	3			1.1	U	1.1	U
Pentachlorophenol	UG/L	0	0.00%	1.00	0.56	0	0	3			2.7	U	2.8	U
Phenanthrene	UG/L	0.24	33.33%			0	1	3			1.1	U	0.24	J
Phenol	UG/L	0	0.00%	1.00	21900.00	0	0	3			1.1	U	1.1	U
Pyrene	UG/L	0.13	33.33%		1095.00	0	1	3			1.1	U	0.13	J
TPH	MG/L	0	0.00%		0.48	0	0	3	U		0.49	U	0.44	U

Table 28-13
S121C - Semivolatiles/TPH in Ground Water vs DRINKING WATER STANDARDS
Non-Evaluated Sites

SITE DESCRIPTION		SEAD-121C DRMO Yard		SEAD-121C DRMO Yard		SEAD-121C DRMO Yard							
LOC ID		MW121C-1		MW121C-1		MW121C-2							
SAMP_ID		EB023		EB153		EB154							
QC CODE		DU		SA		SA							
SAMP_DEPTH TOP		0		2.1		1.6							
SAMP_DEPTH BOT		0		9.7		5.1							
MATRIX		GROUNDWATER		GROUNDWATER		GROUNDWATER							
SAMP_DATE		17-Mar-98		17-Mar-98		17-Mar-98							
PARAMETER	UNIT	FREQUENCY OF DETECTION	NYS CLASS GA	DRINKING WATER	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/L	0	0.00%	5 00	194.60	0.00	0	3		1.1 U		1.1 U	
1,2-Dichlorobenzene	UG/L	0	0.00%	4 70	268.16	0.00	0	3		1.1 U		1.1 U	
1,3-Dichlorobenzene	UG/L	0	0.00%	5 00	3248.50	0.00	0	3		1.1 U		1.1 U	
1,4-Dichlorobenzene	UG/L	0	0.00%	4 70	2.80	0.00	0	3		1.1 U		1.1 U	
2,4,5-Trichlorophenol	UG/L	0	0.00%		3650.00	0.00	0	3		2.7 U		2.8 U	
2,4,6-Trichlorophenol	UG/L	0	0.00%		0.97	0.00	0	3		1.1 U		1.1 U	
2,4-Dichlorophenol	UG/L	0	0.00%		109.50	0.00	0	3		1.1 U		1.1 U	
2,4-Dimethylphenol	UG/L	0	0.00%	5 00	730.00	0.00	0	3		1.1 U		1.1 U	
2,4-Dinitrophenol	UG/L	0	0.00%		73.00	0.00	0	3		2.7 U		2.8 U	
2,4-Dinitrotoluene	UG/L	0	0.00%	5 00	73.00	0.00	0	3		1.1 U		1.1 U	
2,6-Dinitrotoluene	UG/L	0	0.00%	5 00	36.50	0.00	0	3		1.1 U		1.1 U	
2-Chloronaphthalene	UG/L	0	0.00%			0.00	0	3		1.1 U		1.1 U	
2-Chlorophenol	UG/L	0	0.00%		182.50	0.00	0	3		1.1 U		1.1 U	
2-Methylnaphthalene	UG/L	0	0.00%			0.00	0	3		1.1 U		1.1 U	
2-Methylphenol	UG/L	0	0.00%	5 00	1825.00	0.00	0	3		1.1 U		1.1 U	
2-Nitroaniline	UG/L	0	0.00%		0.35	0.00	0	3		2.7 U		2.8 U	
2-Nitrophenol	UG/L	0	0.00%			0.00	0	3		1.1 U		1.1 U	
3,3'-Dichlorobenzidine	UG/L	0	0.00%		0.15	0.00	0	3		1.1 U		1.1 U	
3-Nitroaniline	UG/L	0	0.00%		109.50	0.00	0	3		2.7 U		2.8 U	
4,6-Dinitro-2-methylphenol	UG/L	0	0.00%	5 00		0.00	0	3		2.7 U		2.8 U	
4-Bromophenyl phenyl ether	UG/L	0	0.00%		2117.00	0.00	0	3		1.1 U		1.1 U	
4-Chloro-3-methylphenol	UG/L	0	0.00%			0.00	0	3		1.1 U		1.1 U	
4-Chloroaniline	UG/L	0	0.00%	5 00	146.00	0.00	0	3		1.1 U		1.1 U	
4-Chlorophenyl phenyl ether	UG/L	0	0.00%			0.00	0	3		1.1 U		1.1 U	
4-Methylphenol	UG/L	0	0.00%	5 00		0.00	0	3		1.1 U		1.1 U	
4-Nitroaniline	UG/L	0	0.00%	5 00	109.50	0.00	0	3		2.7 U		2.8 U	
4-Nitrophenol	UG/L	0	0.00%		2190.00	0.00	0	3		2.7 U		2.8 U	
Acenaphthene	UG/L	0	0.00%			0.00	0	3		1.1 U		1.1 U	
Acenaphthylene	UG/L	0	0.00%			0.00	0	3		1.1 U		1.1 U	
Anthracene	UG/L	0	0.00%		10950.00	0.00	0	3		1.1 U		1.1 U	
Benzo[a]anthracene	UG/L	0	0.00%		0.02	0.00	0	3		1.1 U		1.1 U	
Benzo[a]pyrene	UG/L	0	0.00%	10 00	0.00	0.00	0	3		1.1 U		1.1 U	
Benzo[b]fluoranthene	UG/L	0	0.00%		0.02	0.00	0	3		1.1 U		1.1 U	
Benzo[ghi]perylene	UG/L	0	0.00%			0.00	0	3		1.1 U		1.1 U	
Benzo[k]fluoranthene	UG/L	0	0.00%		0.17	0.00	0	3		1.1 U		1.1 U	
Bis(2-Chloroethoxy)methan	UG/L	0	0.00%			0.00	0	3		1.1 U		1.1 U	
Bis(2-Chloroethyl)ether	UG/L	0	0.00%		0.01	0.00	0	3		1.1 U		1.1 U	
Bis(2-Chloroisopropyl)ether	UG/L	0	0.00%		0.26	0.00	0	3		1.1 U		1.1 U	
Bis(2-Ethylhexyl)phthalate	UG/L	0.4	200.00%	50 00	4.80	0.00	2	1		0.23 JB		0.4 JB	
Butylbenzylphthalate	UG/L	0.12	33.33%		7300.00	0.00	1	3		0.12 J		1.1 U	
Carbazole	UG/L	0	0.00%		3.36	0.00	0	3		1.1 U		1.1 U	
Chrysene	UG/L	0	0.00%		1.68	0.00	0	3		1.1 U		1.1 U	
Di-n-butylphthalate	UG/L	1.7	66.67%	50 00		0.00	2	3		1.7		0.79 J	
Di-n-octylphthalate	UG/L	0	0.00%		730.00	0.00	0	3		1.1 U		1.1 U	
Dibenz[a,h]anthracene	UG/L	0	0.00%		0.00	0.00	0	3		1.1 U		1.1 U	
Dibenzofuran	UG/L	0	0.00%		146.00	0.00	0	3		1.1 U		1.1 U	
Diethyl phthalate	UG/L	0.057	33.33%		29200.00	0.00	1	3		0.057 J		1.1 U	
Dimethylphthalate	UG/L	0	0.00%		365000.00	0.00	0	3		1.1 U		1.1 U	
Fluoranthene	UG/L	0	0.00%		1460.00	0.00	0	3		1.1 U		1.1 U	
Fluorene	UG/L	0.48	33.33%		1460.00	0.00	1	3		1.1 U		0.48 J	
Hexachlorobenzene	UG/L	0	0.00%	0 35	0.01	0.00	0	3		1.1 U		1.1 U	
Hexachlorobutadiene	UG/L	0.4	66.67%		0.14	1.00	2	3		0.061 J		0.4 J	
Hexachlorocyclopentadiene	UG/L	0	0.00%		0.15	0.00	0	3		1.1 U		1.1 U	
Hexachloroethane	UG/L	0	0.00%		0.75	0.00	0	3		1.1 U		1.1 U	

Table 28-13
 S121C Semivolatiles/TPH in Ground Water vs DRINKING WATER STANDARDS
 Non-Evaluated Sites

SITE DESCRIPTION	LOC ID	SAMP_ID	QC CODE	SAMP_DEPTH TOP	SAMP_DEPTH BOT	MATRIX	SAMP DATE	PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYS CLASS GA	DRINKING WATER	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-121C DRMO Yard MW121C-1 EB023 DU	SEAD-121C DRMO Yard MW121C-1 EB153 SA	SEAD-121C DRMO Yard MW121C-2 EB154 SA	
								GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		
								17-Mar-98		17-Mar-98		17-Mar-98		17-Mar-98		17-Mar-98		17-Mar-98		
								VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	
								Indeno[1,2,3-cd]pyrene	UG/L	0	0.00%		0.02	0.00	0	3				
								Isophorone	UG/L	0	0.00%			0.00	0	3				
								N-Nitrosodiphenylamine	UG/L	0	0.00%		13.72	0.00	0	3				
								N-Nitrosodipropylamine	UG/L	0	0.00%		0.01	0.00	0	3				
								Naphthalene	UG/L	0	0.00%		1460.00	0.00	0	3				
								Nitrobenzene	UG/L	0	0.00%		3.39	0.00	0	3				
								Pentachlorophenol	UG/L	0	0.00%	1.00	0.56	0.00	0	3				
								Phenanthrene	UG/L	0.24	33.33%			0.00	1	3				
								Phenol	UG/L	0	0.00%	1.00	21900.00	0.00	0	3				
								Pyrene	UG/L	0.13	33.33%		1095.00	0.00	1	3				
								TPH	MG/L	0	0.00%		0.48	0.00	0	3				

Table 28-14
 S121C - Pesticides/PCBs in Groundwater vs. Class GA
 Non Evaluated Sites

2/18/99

SITE:
 DESCRIPTION
 LOC ID:
 SAMP_ID:
 QC CODE:
 SAMP DETH TOP:
 SAMP DEPTH BOT:
 MATRIX:
 SAMP DATE:

SEAD-121C
 DRMO Yard
 MW121C-1
 EB023
 DU

SEAD-121C
 DRMO Yard
 MW121C-1
 EB153
 SA

SEAD-121C
 DRMO Yard
 MW121C-2
 EB154
 SA

PARAMETER	UNIT	FREQUENCY OF		NYS CLASS GA	DRINKING WATER	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-121C DRMO Yard MW121C-1 EB023 DU GROUNDWATER 17-Mar-98		SEAD-121C DRMO Yard MW121C-1 EB153 SA GROUNDWATER 17-Mar-98		SEAD-121C DRMO Yard MW121C-2 EB154 SA GROUNDWATER 17-Mar-98	
		MAXIMUM	DETECTION						VALUE	Q	VALUE	Q	VALUE	Q
4,4'-DDD	UG/L	0.9	66.67%	0.10	0.28	2	2	3	0.9	0.11 U	0.093 JP	0.81 P		
4,4'-DDE	UG/L	0.3	100.00%	0.10	0.20	2	3	3	0.27 P	0.093 JP	0.3 P			
4,4'-DDT	UG/L	0.56	100.00%	0.10	0.03	3	3	3	0.29 P	0.29 P	0.56 P			
Aldrin	UG/L	0	0.00%	0.06	0.00	0	0	3	0.057 U	0.057 U	0.054 P			
Alpha-BHC	UG/L	0.059	66.67%			0	2	3	0.057 U	0.036 J	0.059 P			
Alpha-Chlordane	UG/L	0.096	66.67%	5.00		0	2	3	0.096	0.068	0.054 U			
Aroclor-1016	UG/L	0	0.00%		2.56	0	0	3	1.1 U	1.1 U	1.1 U			
Aroclor-1221	UG/L	0	0.00%			0	0	3	2.3 U	2.3 U	2.2 U			
Aroclor-1232	UG/L	0	0.00%			0	0	3	1.1 U	1.1 U	1.1 U			
Aroclor-1242	UG/L	0	0.00%			0	0	3	1.1 U	1.1 U	1.1 U			
Aroclor-1248	UG/L	0	0.00%			0	0	3	1.1 U	1.1 U	1.1 U			
Aroclor-1254	UG/L	0	0.00%	0.10	0.73	0	0	3	1.1 U	1.1 U	1.1 U			
Aroclor-1260	UG/L	0	0.00%	0.10		0	0	3	1.1 U	1.1 U	1.1 U			
Beta-BHC	UG/L	0.56	100.00%	5.00		0	3	3	0.56 P	0.096 P	0.061 P			
Delta-BHC	UG/L	0.23	100.00%			0	3	3	0.23 P	0.094	0.16 P			
Dieldrin	UG/L	0.2	66.67%	0.10	0.00	1	2	3	0.11 U	0.052 JP	0.3 P			
Endosulfan I	UG/L	0.11	66.67%		219.00	0	2	3	0.11 P	0.08 P	0.054 U			
Endosulfan II	UG/L	0.28	66.67%		219.00	0	2	3	0.28 P	0.11 U	0.28 U			
Endosulfan sulfate	UG/L	0.69	100.00%			0	3	3	0.28 P	0.14 P	0.69 P			
Endrin	UG/L	0.71	33.33%	0.10	10.95	1	1	3	0.11 U	0.11 U	0.71 P			
Endrin aldehyde	UG/L	0.97	100.00%	5.00	10.95	0	3	3	0.22 P	0.073 JP	0.97 P			
Endrin ketone	UG/L	0.2	33.33%	5.00	10.95	0	1	3	0.11 U	0.11 U	0.2			
Gamma-BHC/Lindane	UG/L	0.038	33.33%	5.00	0.05	0	1	3	0.057 U	0.057 U	0.038 JP			
Gamma-Chlordane	UG/L	0.47	100.00%			0	3	3	0.47	0.086 P	0.17 P			
Heptachlor	UG/L	0.23	66.67%	0.05	0.00	2	2	3	0.23 P	0.056 P	0.054 U			
Heptachlor epoxide	UG/L	0.11	66.67%	0.05	0.00	2	2	3	0.057 U	0.072 P	0.11 P			
Methoxychlor	UG/L	0.62	66.67%	35.00	182.50	0	2	3	0.57	0.57 U	0.62 P			
Toxaphene	UG/L	0	0.00%			0	0	3	5.7 U	5.7 U	5.4 U			

Table 28-15
 S121C - Pesticides/PCBs in Ground Water vs DRINKING WATER STANDARDS
 Non-Evaluated Sites

2/18/99

SITE DESCRIPTION								SEAD-121C	SEAD-121C	SEAD-121C				
LOC ID								DRMO Yard	DRMO Yard	DRMO Yard				
SAMP_ID								MW121C-1	MW121C-1	MW121C-2				
QC CODE								EB023	EB153	EB154				
SAMP DETH TOP								DU	SA	SA				
SAMP DEPTH BOT								0	2.1	1.6				
MATRIX								0	9.7	5.1				
SAMP DATE								GROUNDWATER	GROUNDWATER	GROUNDWATER				
								17-Mar-98	17-Mar-98	17-Mar-98				
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYS CLASS GA	DRINKING WATER	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q
4,4'-DDD	UG/L	0.9	66.67%	0.10	0.28	2.00	2	3	0.09		0.11 U		0.81 P	
4,4'-DDE	UG/L	0.3	100.00%	0.10	0.20	2.00	3	3	0.27 P		0.093 JP		0.3 P	
4,4'-DDT	UG/L	0.56	100.00%	0.10	0.03	3.00	3	3	0.29 P		0.28		0.56 P	
Aldrin	UG/L	0	0.00%	0.06	0.00	0.00	0	3	0.057 U		0.057 U		0.054 U	
Alpha-BHC	UG/L	0.059	66.67%			0.00	2	3	0.057 U		0.036 J		0.059 P	
Alpha-Chlordane	UG/L	0.096	66.67%	5.00		0.00	2	3	0.096		0.068		0.054 U	
Aroclor-1016	UG/L	0	0.00%		2.56	0.00	0	3	1.1 U		1.1 U		1.1 U	
Aroclor-1221	UG/L	0	0.00%			0.00	0	3	2.3 U		2.3 U		2.2 U	
Aroclor-1232	UG/L	0	0.00%			0.00	0	3	1.1 U		1.1 U		1.1 U	
Aroclor-1242	UG/L	0	0.00%			0.00	0	3	1.1 U		1.1 U		1.1 U	
Aroclor-1248	UG/L	0	0.00%			0.00	0	3	1.1 U		1.1 U		1.1 U	
Aroclor-1254	UG/L	0	0.00%	0.10	0.73	0.00	0	3	1.1 U		1.1 U		1.1 U	
Aroclor-1260	UG/L	0	0.00%	0.10		0.00	0	3	1.1 U		1.1 U		1.1 U	
Beta-BHC	UG/L	0.56	100.00%	5.00		0.00	3	3	0.56 P		0.096 P		0.061 P	
Delta-BHC	UG/L	0.23	100.00%			0.00	3	3	0.23 P		0.094		0.16 P	
Dieldrin	UG/L	0.2	66.67%	0.10	0.00	2.00	2	3	0.11 U		0.052 JP		0.2 P	
Endosulfan I	UG/L	0.11	66.67%		219.00	0.00	2	3	0.11 P		0.08 P		0.054 U	
Endosulfan II	UG/L	0.28	66.67%		219.00	0.00	2	3	0.28 P		0.11 U		0.28	
Endosulfan sulfate	UG/L	0.69	100.00%			0.00	3	3	0.28 P		0.14 P		0.69 P	
Endrin	UG/L	0.71	33.33%	0.10	10.95	0.00	1	3	0.11 U		0.11 U		0.71 P	
Endrin aldehyde	UG/L	0.97	100.00%	5.00	10.95	0.00	3	3	0.22 P		0.073 JP		0.97 P	
Endrin ketone	UG/L	0.2	33.33%	5.00	10.95	0.00	1	3	0.11 U		0.11 U		0.2	
Gamma-BHC/Lindane	UG/L	0.038	33.33%	5.00	0.05	0.00	1	3	0.057 U		0.057 U		0.038 JP	
Gamma-Chlordane	UG/L	0.47	100.00%			0.00	3	3	0.47		0.086 P		0.17 P	
Heptachlor	UG/L	0.23	66.67%	0.05	0.00	2.00	2	3	0.23 P		0.058 P		0.054 U	
Heptachlor epoxide	UG/L	0.11	66.67%	0.05	0.00	2.00	2	3	0.057 U		0.071 P		0.11 P	
Methoxychlor	UG/L	0.62	66.67%	35.00	182.50	0.00	2	3	0.57		0.57 U		0.62 P	
Toxaphene	UG/L	0	0.00%			0.00	0	3	5.7 U		5.7 U		5.4 U	

Table 28-16
S121C - Metals in Groundwater vs. Class GA
Non Evaluated Sites

2/18/99

SITE:
DESCRIPTION:
LOC ID:
SAMP_ID:
QC CODE:
SAMP. DETH TOP:
SAMP DEPTH BOT:
MATRIX:
SAMP DATE:

SEAD-121C
DRMO Yard
MW121C-1
EB023
DU

SEAD-121C
DRMO Yard
MW121C-1
EB153
SA

SEAD-121C
DRMO Yard
MW121C-2
EB154
SA

PARAMETER	UNIT	FREQUENCY OF		NYS CLASS GA	DRINKING WATER	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	GROUNDWATER 17-Mar-98		GROUNDWATER 17-Mar-98		GROUNDWATER 17-Mar-98	
		MAXIMUM	DETECTION						VALUE	Q	VALUE	Q	VALUE	Q
Aluminum	UG/L	5350	100.00%		36500.00	0	3	3	133 B		738		5350	
Antimony	UG/L	0	0.00%		14.60	0	0	3	5.1 U		5.1 U		5.1 U	
Arsenic	UG/L	3.8	33.33%	25.00	0.01	0	1	3	3.7 U		3.8 B		3.7 U	
Barium	UG/L	106	100.00%	1000.00	1.04	0	3	3	39.5 B		38 B		106 B	
Beryllium	UG/L	0	0.00%		0.00	0	0	3	0.1 U		0.1 U		0.1 U	
Cadmium	UG/L	0.39	33.33%	10.00	0.00	0	1	3	0.39 B		0.3 U		0.3 U	
Calcium	UG/L	172000	100.00%			0	3	3	172000 E		163000 E		162000 E	
Chromium	UG/L	6.5	100.00%	50.00	0.00	0	3	3	1.2 B		2.4 B		6.5 B	
Cobalt	UG/L	3.6	66.67%		2190.00	0	2	3	1.4 U		1.6 B		3.6 B	
Copper	UG/L	5.2	66.67%	200.00	1460.00	0	2	3	1.2 U		2 B		5.2 B	
Cyanide	UG/L	0	0.00%	100.00		0	0	3	5 U		5 U		5 U	
Iron	UG/L	5620	100.00%	300.00	10950.00	3	3	3	146 E		140 E		5620 E	
Lead	UG/L	0	0.00%	25.00		0	0	3	1.8 U		1.8 U		1.8 U	
Magnesium	UG/L	24100	100.00%			0	3	3	23800		24100		23200	
Manganese	UG/L	1590	100.00%	300.00	0.10	3	3	3	1.0 U				1100	
Mercury	UG/L	0	0.00%	2.00	0.59	0	0	3	0.1 U		0.1 U		0.1 U	
Nickel	UG/L	10.6	100.00%		730.00	0	3	3	2.8 B		4.2 B		10.6 B	
Potassium	UG/L	21400	100.00%			0	3	3	7610		10900		21400	
Selenium	UG/L	5.6	300.00%	10.00	182.50	0	3	1	3.7 B*		5.6 *		4.3 B*	
Silver	UG/L	0	0.00%	50.00	182.50	0	0	3	1.3 U		1.3 U		1.3 U	
Sodium	UG/L	95200	100.00%	20000.00		1	3	3	8920		11200		95200	
Thallium	UG/L	0	0.00%		2.92	0	0	3	6.7 U		6.7 U		6.7 U	
Vanadium	UG/L	6.5	66.67%		255.50	0	2	3	1.5 U		2.4 B		6.5 B	
Zinc	UG/L	16.4	100.00%	300.00	10950.00	0	3	3	2.4 B		9.3 B		16.4 B	

Table 28-17
 S121C - Metals in Ground Water vs DRINKING WATER STANDARDS
 Non-Evaluated Sites

2/18/99

SITE DESCRIPTION. LOC ID: SAMP_ID: QC CODE SAMP DETH TOP: SAMP DEPTH BOT: MATRIX: SAMP DATE	UNIT	FREQUENCY OF		NYS CLASS GA	DRINKING WATER	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-121C DRMO Yard MW121C-1 EB023 DU		SEAD-121C DRMO Yard MW121C-1 EB153 SA		SEAD-121C DRMO Yard MW121C-2 EB154 SA	
		MAXIMUM	DETECTION						GROUNDWATER 17-Mar-98	VALUE	Q	GROUNDWATER 17-Mar-98	VALUE	Q
Aluminum	UG/L	5350	100.00%		36500.00	0.00	3	3	133 B		738		5350	
Antimony	UG/L	0	0.00%		14.60	0.00	0	3	5.1 U		5.1 U		5.1 U	
Arsenic	UG/L	3.8	33.33%	25.00	0.01	1.00	1	3	3.7 U		3.7 B		3.7 U	
Barium	UG/L	106	100.00%	1000.00	1.04	3.00	3	3	39.5 B		30 B		106 B	
Beryllium	UG/L	0	0.00%		0.00	0.00	0	3	0.1 U		0.1 U		0.1 U	
Cadmium	UG/L	0.39	33.33%	10.00	0.00	1.00	1	3	0.39 B		0.3 U		0.3 U	
Calcium	UG/L	172000	100.00%			0.00	3	3	172000 E		163000 E		162000 E	
Chromium	UG/L	6.5	100.00%	50.00	0.00	3.00	3	3	1.3 B		1.6 B		6.5 B	
Cobalt	UG/L	3.6	66.67%		2190.00	0.00	2	3	1.4 U		1.6 B		3.6 B	
Copper	UG/L	5.2	66.67%	200.00	1460.00	0.00	2	3	1.2 U		2 B		5.2 B	
Cyanide	UG/L	0	0.00%	100.00		0.00	0	3	5 U		5 U		5 U	
Iron	UG/L	5620	100.00%	300.00	10950.00	0.00	3	3	346 E		1430 E		5620 E	
Lead	UG/L	0	0.00%	25.00		0.00	0	3	1.8 U		1.8 U		1.8 U	
Magnesium	UG/L	24100	100.00%			0.00	3	3	23800		24100		23200	
Manganese	UG/L	1590	100.00%	300.00	0.10	3.00	3	3	1590		1140		1100	
Mercury	UG/L	0	0.00%	2.00	0.59	0.00	0	3	0.1 U		0.1 U		0.1 U	
Nickel	UG/L	10.6	100.00%		730.00	0.00	3	3	2.8 B		4.2 B		10.6 B	
Potassium	UG/L	21400	100.00%			0.00	3	3	7610		10900		21400	
Selenium	UG/L	5.6	300.00%	10.00	182.50	0.00	3	1	3.7 B*		5.6 *		4.3 B*	
Silver	UG/L	0	0.00%	50.00	182.50	0.00	0	3	1.3 U		1.3 U		1.3 U	
Sodium	UG/L	95200	100.00%	20000.00		0.00	3	3	8920		11200		95200	
Thallium	UG/L	0	0.00%		2.92	0.00	0	3	6.7 U		6.7 U		6.7 U	
Vanadium	UG/L	6.5	66.67%		255.50	0.00	2	3	1.5 U		2.4 B		6.5 B	
Zinc	UG/L	16.4	100.00%	300.00	10950.00	0.00	3	3	2.4 B		9.3 B		16.4 B	

SEAD-121D

Building 306 and 308 Hazardous Materials Release

Table 29-1

Sample Collection Information
SEAD-121D - Building 306 308 Hazardous Materials Release

9 Low Priority EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	SB121D-1	EB220	3/8/98	0.00	0.20	SA	Location is downgradient of Bldg. 306 in stressed vegetation area where rumored spill took place.
SOIL	SB121D-1	EB221	3/8/98	0.80	1.40	SA	Same location as above. Sample taken near bedrock. (2.0 ft). No VOC's or impact to soils detected.
SOIL	SB121D-2	EB218	3/8/98	0.00	0.20	SA	Location is downgradient of Bldg. 306 and a concrete pad. Stressed vegetation.
SOIL	SB121D-2	EB219	3/8/98	4.00	4.50	SA	Same location as above. Sample taken near bedrock. (5.0 ft.). No VOC's or impact to soils detected.
SOIL	SB121D-3	EB222	3/8/98	0.00	0.20	SA	Location is downgradient of Bldg. 308 and site of removed UST & existing AST.
SOIL	SB121D-3	EB223	3/8/98	2.30	2.50	SA	Same location as above. Sample taken at top of water table. No VOC's or impact to soils detected.
SURFACE SOIL	SS121D-1	EB224	3/8/98	0.00	0.20	SA	Sample taken at Bldg. 306 down gradient of a loading area where spills may of occurred. Stressed vegetation.
SURFACE SOIL	SS121D-2	EB225	3/8/98	0.00	0.20	SA	Sample taken SE corner Bldg. 306 near door. Stressed vegetation.

Table 29-4
SEAD-121D- Semivolatile/TPH in Soil vs NYTAGM
Non-Evaluated Sites

2/17/99

SITE								SEAD-121D Bldg. 306 and 308 HM Release SB121D-1 EB220 SA		SEAD-121D Bldg. 306 and 308 HM Release SB121D-1 EB221 SA		SEAD-121D Bldg. 306 and 308 HM Release SB121D-2 EB218 SA	
DESCRIPTION								0		0 8		0	
LOC ID								0 2		1 4		0 2	
SAMP_ID													
QC CODE													
SAMP_DEPTH TOP													
SAMP_DEPTH BOT													
MATRIX								SOIL		SOIL		SOIL	
SAMP_DATE								8-Mar-98		8-Mar-98		8-Mar-98	
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	5256000	0	0	8	91 U		72 U		76
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	47304000	0	0	8	91 U		72 U		76
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	46778400	0	0	8	91 U		72 U		76
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	238467	0	0	8	91 U		72 U		76
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	52560000	0	0	8	220 U		170 U		180
2,4,6-Trichlorophenol	UG/KG	0	0.00%		520291	0	0	8	91 U		72 U		76
2,4-Dichlorophenol	UG/KG	0	0.00%	400	1576800	0	0	8	91 U		72 U		76
2,4-Dimethylphenol	UG/KG	0	0.00%		10512000	0	0	8	91 U		72 U		76
2,4-Dinitrophenol	UG/KG	0	0.00%	200	1051200	0	0	8	220 U		170 U		180
2,4-Dinitrotoluene	UG/KG	0	0.00%		1051200	0	0	8	91 U		72 U		76
2,6-Dinitrotoluene	UG/KG	0	0.00%	1000	525600	0	0	8	91 U		72 U		76
2-Chloronaphthalene	UG/KG	0	0.00%			0	0	8	91 U		72 U		76
2-Chlorophenol	UG/KG	0	0.00%	800	2628000	0	0	8	91 U		72 U		76
2-Methylnaphthalene	UG/KG	40	25.00%	36400		0	2	8	91 U		72 U		76
2-Methylphenol	UG/KG	0	0.00%	100	26280000	0	0	8	91 U		72 U		76
2-Nitroaniline	UG/KG	0	0.00%	430	31536	0	0	8	220 U		170 U		180
2-Nitrophenol	UG/KG	0	0.00%	330		0	0	8	91 U		72 U		76
3,3'-Dichlorobenzidine	UG/KG	0	0.00%		12718	0	0	8	91 U		72 U		76
3-Nitroaniline	UG/KG	0	0.00%	500	1576800	0	0	8	220 U		170 U		180
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%			0	0	8	220 U		170 U		180
4-Bromophenyl phenyl ether	UG/KG	0	0.00%		30484800	0	0	8	91 U		72 U		76
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240		0	0	8	91 U		72 U		76
4-Chloroaniline	UG/KG	0	0.00%	220	2102400	0	0	8	91 U		72 U		76
4-Chlorophenyl phenyl ether	UG/KG	0	0.00%			0	0	8	91 U		72 U		76
4-Methylphenol	UG/KG	0	0.00%	900		0	0	8	91 U		72 U		76
4-Nitroaniline	UG/KG	0	0.00%		1576800	0	0	8	220 U		170 U		180
4-Nitrophenol	UG/KG	0	0.00%	100	31536000	0	0	8	220 U		170 U		180
Acenaphthene	UG/KG	25	25.00%	50000		0	2	8	91 U		72 U		76
Acenaphthylene	UG/KG	79	25.00%	41000		0	2	8	91 U		72 U		76
Anthracene	UG/KG	67	37.50%	50000	157680000	0	3	8	91 U		72 U		76
Benzo[a]anthracene	UG/KG	830	62.50%	224	7840	2	5	8	22 J		72 U		76
Benzo[a]pyrene	UG/KG	890	62.50%	61	784	2	5	8	30 J		72 U		76
Benzo[b]fluoranthene	UG/KG	930	62.50%	1100	7840	0	5	8	45 J		72 U		76
Benzo[ghi]perylene	UG/KG	960	62.50%	50000		0	5	8	32 J		72 U		76
Benzo[k]fluoranthene	UG/KG	1000	62.50%	1100	78400	0	5	8	42 J		72 U		76
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%			0	0	8	91 U		72 U		76
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%		5203	0	0	8	91 U		72 U		76
Bis(2-Chloroisopropyl)ether	UG/KG	0	0.00%		81760	0	0	8	91 U		72 U		76
Bis(2-Ethylhexyl)phthalate	UG/KG	25	87.50%	50000	408800	0	7	8	14 JB		13 JB		5.8
Butylbenzylphthalate	UG/KG	7.7	25.00%	50000	105120000	0	2	8	7.1 J		72 U		7.7
Carbazole	UG/KG	66	25.00%		286160	0	2	8	91 U		72 U		76
Chrysene	UG/KG	980	87.50%	400	784000	2	7	8	45 J		6.8 J		4.4
Di-n-butylphthalate	UG/KG	4.7	25.00%	8100		0	2	8	4.7 JB		4.5 JB		7.6
Di-n-octylphthalate	UG/KG	22	25.00%	50000	10512000	0	2	8	91 U		72 U		76
Dibenz[a,h]anthracene	UG/KG	370	50.00%	14	784	3	4	8	10 J		72 U		76
Dibenzofuran	UG/KG	0	0.00%	6200	2102400	0	0	8	91 U		72 U		76
Diethyl phthalate	UG/KG	9.1	62.50%	7100	420480000	0	5	8	6 JB		6.7 JB		7.6
Dimethylphthalate	UG/KG	0	0.00%	2000	5256000000	0	0	8	91 U		72 U		76

Table 29.4
SEAD-121D- Semivolatile/TPH in Soil vs NYTAGM
Non-Evaluated Sites

2/17/99

SITE						SEAD-121D Bldg. 306 and 308 HM Release SB121D-1 EB220 SA		SEAD-121D Bldg 306 and 308 HM Release SB121D-1 EB221 SA		SEAD-121D Bldg 306 and 308 HM Release SB121D-2 EB218 SA				
DESCRIPTION						0		0.8		0				
LOC ID						0.2		1.4		0.2				
SAMP_ID						SOIL		SOIL		SOIL				
QC CODE						8-Mar-98		8-Mar-98		8-Mar-98				
SAMP_DETH TOP														
SAMP_DEPTH BOT														
MATRIX														
SAMP DATE														
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG-IND	NUMBER ABOVE	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q
Fluoranthene	UG/KG	1800	87.50%	50000	21024000	0	7	8	53	J	56	J	58	
Fluorene	UG/KG	29	25.00%	50000	21024000	0	2	8	91	U	72	U	76	
Hexachlorobenzene	UG/KG	0	0.00%	410	3577	0	0	8	91	U	72	U	76	
Hexachlorobutadiene	UG/KG	0	0.00%		73374	0	0	8	91	U	72	U	76	
Hexachlorocyclopentadiene	UG/KG	0	0.00%		3679200	0	0	8	91	U	72	U	76	
Hexachloroethane	UG/KG	0	0.00%		408800	0	0	8	91	U	72	U	76	
Indeno[1,2,3-cd]pyrene	UG/KG	630	62.50%	3200	7840	0	5	8	28	J	72	U	76	
Isophorone	UG/KG	0	0.00%	4400		0	0	8	91	U	72	U	76	
N-Nitrosodiphenylamine	UG/KG	0	0.00%		1168000	0	0	8	91	U	72	U	76	
N-Nitrosodipropylamine	UG/KG	0	0.00%		818	0	0	8	91	U	72	U	76	
Naphthalene	UG/KG	35	12.50%	13000	21024000	0	1	8	91	U	72	U	76	
Nitrobenzene	UG/KG	0	0.00%	200	262800	0	0	8	91	U	72	U	76	
Pentachlorophenol	UG/KG	0	0.00%	1000	47693	0	0	8	220	U	170	U	180	
Phenanthrene	UG/KG	540	87.50%	50000		0	7	8	19	J	4.8	J	4.4	
Phenol	UG/KG	0	0.00%	30	315360000	0	0	8	91	U	72	U	76	
Pyrene	UG/KG	1400	87.50%	50000	15768000	0	7	8	55	J	5.5	J	5.2	
TPH	MG/KG	359	62.50%			0	5	8	55.3		15	U	37.5	

Table 29-4
SEAD-121D- Semivolatile/TPH in Soil vs NYTAGM
Non-Evaluated Sites

2/17/99

SITE	SEAD-121D Bldg. 306 and 308 HM Release		SEAD-121D Bldg. 306 and 308 HM Release		SEAD-121D Bldg. 306 and 308 HM Release		SEAD-121D Bldg. 306 and 308 HM Release		SEAD-121D Bldg. 306 and 308 HM Release			
	LOC ID:	SB121D-2	SB121D-3	SB121D-3	SS121D-1	SS121D-2	SAMP_ID:	EB219	EB222	EB224	EB225	
QC CODE:	SA	SA	SA	SA	SA	SA	SAMP DETH TOP:	4	0	2.3	0	
SAMP. DEPTH BOT.	4.5	0.2	0.2	2.5	0.2	0.2	MATRIX	SOIL	SOIL	SOIL	SOIL	
SAMP DATE:	8-Mar-98	8-Mar-98	8-Mar-98	8-Mar-98	8-Mar-98	8-Mar-98	PARAMETER	UNIT	Q	VALUE	Q	
1,2,4-Trichlorobenzene	UG/KG	U	75	U	350	U	74	U	72	U	350	U
1,2-Dichlorobenzene	UG/KG	U	75	U	350	U	74	U	72	U	350	U
1,3-Dichlorobenzene	UG/KG	U	75	U	350	U	74	U	72	U	350	U
1,4-Dichlorobenzene	UG/KG	U	75	U	350	U	74	U	72	U	350	U
2,4,5-Trichlorophenol	UG/KG	U	180	U	840	U	180	U	180	U	860	U
2,4,6-Trichlorophenol	UG/KG	U	75	U	350	U	74	U	72	U	350	U
2,4-Dichlorophenol	UG/KG	U	75	U	350	U	74	U	72	U	350	U
2,4-Dimethylphenol	UG/KG	U	75	U	350	U	74	U	72	U	350	U
2,4-Dinitrophenol	UG/KG	U	180	U	840	U	180	U	180	U	860	U
2,4-Dinitrotoluene	UG/KG	U	75	U	350	U	74	U	72	U	350	U
2,6-Dinitrotoluene	UG/KG	U	75	U	350	U	74	U	72	U	350	U
2-Chloronaphthalene	UG/KG	U	75	U	350	U	74	U	72	U	350	U
2-Chlorophenol	UG/KG	U	75	U	350	U	74	U	72	U	350	U
2-Methylnaphthalene	UG/KG	U	75	U	40	J	74	U	7	J	350	U
2-Methylphenol	UG/KG	U	75	U	350	U	74	U	72	U	350	U
2-Nitroaniline	UG/KG	U	180	U	840	U	180	U	180	U	860	U
2-Nitrophenol	UG/KG	U	75	U	350	U	74	U	72	U	350	U
3,3'-Dichlorobenzidine	UG/KG	U	75	U	350	U	74	U	72	U	350	U
3-Nitroaniline	UG/KG	U	180	U	840	U	180	U	180	U	860	U
4,6-Dinitro-2-methylphenol	UG/KG	U	180	U	840	U	180	U	180	U	860	U
4-Bromophenyl phenyl ether	UG/KG	U	75	U	350	U	74	U	72	U	350	U
4-Chloro-3-methylphenol	UG/KG	U	75	U	350	U	74	U	72	U	350	U
4-Chloroaniline	UG/KG	U	75	U	350	U	74	U	72	U	350	U
4-Chlorophenyl phenyl ether	UG/KG	U	75	U	350	U	74	U	72	U	350	U
4-Methylphenol	UG/KG	U	75	U	350	U	74	U	72	U	350	U
4-Nitroaniline	UG/KG	U	180	U	840	U	180	U	180	U	860	U
4-Nitrophenol	UG/KG	U	180	U	840	U	180	U	180	U	860	U
Acenaphthene	UG/KG	U	75	U	25	J	74	U	72	U	23	J
Acenaphthylene	UG/KG	U	75	U	79	J	4.1	J	72	U	350	U
Anthracene	UG/KG	U	75	U	45	J	5.8	J	72	U	67	J
Benzo[a]anthracene	UG/KG	U	75	U	320	U	48	J	5	J	130	J
Benzo[a]pyrene	UG/KG	U	75	U	890	U	61	J	6.7	J	880	J
Benzo[b]fluoranthene	UG/KG	U	75	U	570	U	60	J	7.9	J	930	J
Benzo[ghi]perylene	UG/KG	U	75	U	960	U	57	J	7.1	J	570	J
Benzo[k]fluoranthene	UG/KG	U	75	U	760	U	56	J	7	J	1000	J
Bis(2-Chloroethoxy)methane	UG/KG	U	75	U	350	U	74	U	72	U	350	U
Bis(2-Chloroethyl)ether	UG/KG	U	75	U	350	U	74	U	72	U	350	U
Bis(2-Chloroisopropyl)ether	UG/KG	U	75	U	350	U	74	U	72	U	350	U
Bis(2-Ethylhexyl)phthalate	UG/KG	JB	13	JB	350	U	9	JB	11	JB	25	JB
Butylbenzylphthalate	UG/KG	J	75	U	350	U	74	U	72	U	350	U
Carbazole	UG/KG	U	75	U	350	U	4.3	J	72	U	66	J
Chrysene	UG/KG	J	75	U	720	U	56	J	8	J	350	U
Di-n-butylphthalate	UG/KG	U	75	U	350	U	74	U	72	U	350	U
Di-n-octylphthalate	UG/KG	U	22	J	350	U	74	U	8.2	J	350	U
Dibenz[a,h]anthracene	UG/KG	U	75	U	370	U	21	J	72	U	350	U
Dibenzofuran	UG/KG	U	75	U	350	U	74	U	72	U	350	U
Diethyl phthalate	UG/KG	U	7	JB	350	U	9.1	JB	6.4	JB	350	U
Dimethylphthalate	UG/KG	U	75	U	350	U	74	U	72	U	350	U

Table 29-4
SEAD-121D- Semivolatile/TPH in Soil vs NYTAGM
Non-Evaluated Sites

SITE		SEAD-121D Bldg 306 and 308 HM Release	SEAD-121D Bldg 306 and 308 HM Release	SEAD-121D Bldg 306 and 308 HM Release	SEAD-121D Bldg 306 and 308 HM Release	SEAD-121D Bldg 306 and 308 HM Release
DESCRIPTION		SB121D-2	SB121D-3	SB121D-3	SS121D-1	SS121D-2
LOC ID		EB219	EB222	EB223	EB224	EB225
SAMP_ID		SA	SA	SA	SA	SA
QC CODE						
SAMP DETH TOP		4	0	2 3	0	0
SAMP DEPTH BOT		4 5	0 2	2 5	0 2	0 2
MATRIX		SOIL	SOIL	SOIL	SOIL	SOIL
SAMP DATE		8-Mar-98	8-Mar-98	8-Mar-98	8-Mar-98	8-Mar-98
PARAMETER	UNIT Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
Fluoranthene	UG/KG J	75 U	410	70 J	8 6 J	1800
Fluorene	UG/KG U	75 U	29 J	74 U	72 U	25 J
Hexachlorobenzene	UG/KG U	75 U	350 U	74 U	72 U	350 U
Hexachlorobutadiene	UG/KG U	75 U	350 U	74 U	72 U	350 U
Hexachlorocyclopentadiene	UG/KG U	75 U	350 U	74 U	72 U	350 U
Hexachloroethane	UG/KG U	75 U	350 U	74 U	72 U	350 U
Indeno[1,2,3-cd]pyrene	UG/KG U	75 U	630	40 J	6 2 J	590
Isophorone	UG/KG U	75 U	350 U	74 U	72 U	350 U
N-Nitrosodiphenylamine	UG/KG U	75 U	350 U	74 U	72 U	350 U
N-Nitrosodipropylamine	UG/KG U	75 U	350 U	74 U	72 U	350 U
Naphthalene	UG/KG U	75 U	35 J	74 U	72 U	350 U
Nitrobenzene	UG/KG U	75 U	350 U	74 U	72 U	350 U
Pentachlorophenol	UG/KG U	180 U	840 U	180 U	180 U	860 U
Phenanthrene	UG/KG J	75 U	200 J	28 J	4 6 J	540
Phenol	UG/KG U	75 U	350 U	74 U	72 U	350 U
Pyrene	UG/KG J	75 U	1200	97	9 3 J	1400
TPH	MG/KG	17 U	359	18 4 U	25 3	126

Table 29-5
SEAD-121D- Semivolatile/TPH in Soil vs PRG-IND
Non-Evaluated Sites

2/17/99

SITE:

DESCRIPTION:

LOC ID:

SAMP ID:

QC CODE:

SAMP. DEPTH TOP:

SAMP. DEPTH BOT:

MATRIX:

SAMP. DATE:

SEAD-121D

Bldg. 306

and 308 HM

Release

SB121D-1

EB220

SA

0

0.2

SOIL

8-Mar-98

SEAD-121D

Bldg. 306

and 308 HM

Release

SB121D-1

EB221

SA

0.8

1.4

SOIL

8-Mar-98

SEAD-121D

Bldg. 306

and 308 HM

Release

SB121D-2

EB218

SA

0

0.2

SOIL

8-Mar-98

PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	5256000	0	0	8	91 U		72 U		76	
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	47304000	0	0	8	91 U		72 U		76	
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	46778400	0	0	8	91 U		72 U		76	
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	238467	0	0	8	91 U		72 U		76	
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	525600000	0	0	8	220 U		170 U		180	
2,4,6-Trichlorophenol	UG/KG	0	0.00%		520291	0	0	8	91 U		72 U		76	
2,4-Dichlorophenol	UG/KG	0	0.00%	400	1576800	0	0	8	91 U		72 U		76	
2,4-Dimethylphenol	UG/KG	0	0.00%		10512000	0	0	8	91 U		72 U		76	
2,4-Dinitrophenol	UG/KG	0	0.00%	200	1051200	0	0	8	220 U		170 U		180	
2,4-Dinitrotoluene	UG/KG	0	0.00%		1051200	0	0	8	91 U		72 U		76	
2,6-Dinitrotoluene	UG/KG	0	0.00%	1000	525600	0	0	8	91 U		72 U		76	
2-Chloronaphthalene	UG/KG	0	0.00%			0	0	8	91 U		72 U		76	
2-Chlorophenol	UG/KG	0	0.00%	800	2628000	0	0	8	91 U		72 U		76	
2-Methylnaphthalene	UG/KG	40	25.00%	36400		0	2	8	91 U		72 U		76	
2-Methylphenol	UG/KG	0	0.00%	100	26280000	0	0	8	91 U		72 U		76	
2-Nitroaniline	UG/KG	0	0.00%	430	31536	0	0	8	220 U		170 U		180	
2-Nitrophenol	UG/KG	0	0.00%	330		0	0	8	91 U		72 U		76	
3,3'-Dichlorobenzidine	UG/KG	0	0.00%		12718	0	0	8	91 U		72 U		76	
3-Nitroaniline	UG/KG	0	0.00%	500	1576800	0	0	8	220 U		170 U		180	
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%			0	0	8	220 U		170 U		180	
4-Bromophenyl phenyl ether	UG/KG	0	0.00%		30484800	0	0	8	91 U		72 U		76	
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240		0	0	8	91 U		72 U		76	
4-Chloroaniline	UG/KG	0	0.00%	220	2102400	0	0	8	91 U		72 U		76	
4-Chlorophenyl phenyl ether	UG/KG	0	0.00%			0	0	8	91 U		72 U		76	
4-Methylphenol	UG/KG	0	0.00%	900		0	0	8	91 U		72 U		76	
4-Nitroaniline	UG/KG	0	0.00%		1576800	0	0	8	220 U		170 U		180	
4 Nitrophenol	UG/KG	0	0.00%	100	31536000	0	0	8	220 U		170 U		180	
Acenaphthene	UG/KG	25	25.00%	50000		0	2	8	91 U		72 U		76	
Acenaphthylene	UG/KG	79	25.00%	41000		0	2	8	91 U		72 U		76	
Anthracene	UG/KG	67	37.50%	50000	157680000	0	3	8	91 U		72 U		76	
Benzo[a]anthracene	UG/KG	830	62.50%	224	7840	0	5	8	22 J		72 U		76	
Benzo[a]pyrene	UG/KG	890	62.50%	61	784	2	5	8	30 J		72 U		76	
Benzo[b]fluoranthene	UG/KG	930	62.50%	1100	7840	0	5	8	45 J		72 U		76	
Benzo[ghi]perylene	UG/KG	960	62.50%	50000		0	5	8	32 J		72 U		76	
Benzo[k]fluoranthene	UG/KG	1000	62.50%	1100	78400	0	5	8	42 J		72 U		76	
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%			0	0	8	91 U		72 U		76	
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%		5203	0	0	8	91 U		72 U		76	
Bis(2-Chloroisopropyl)ether	UG/KG	0	0.00%		81760	0	0	8	91 U		72 U		76	
Bis(2-Ethylhexyl)phthalate	UG/KG	25	87.50%	50000	408800	0	7	8	14 JB		13 JB		5.8	
Butylbenzylphthalate	UG/KG	7.7	25.00%	50000	105120000	0	2	8	7.1 J		72 U		7.7	
Carbazole	UG/KG	66	25.00%		286160	0	2	8	91 U		72 U		76	
Chrysene	UG/KG	980	87.50%	400	784000	0	7	8	45 J		6.8 J		4.4	
Di-n-butylphthalate	UG/KG	4.7	25.00%	8100		0	2	8	4.7 JB		4.5 JB		76	
Di-n-octylphthalate	UG/KG	22	25.00%	50000	10512000	0	2	8	91 U		72 U		76	
Dibenz[a,h]anthracene	UG/KG	370	50.00%	14	784	0	4	8	10 J		72 U		76	
Dibenzofuran	UG/KG	0	0.00%	6200	2102400	0	0	8	91 U		72 U		76	
Diethyl phthalate	UG/KG	9.1	62.50%	7100	420480000	0	5	8	6 JB		6.7 JB		76	
Dimethylphthalate	UG/KG	0	0.00%	2000	5256000000	0	0	8	91 U		72 U		76	

Table 29-5
SEAD-121D- Semivolatile/TPH in Soil vs PRG-IND
Non-Evaluated Sites

2/17/99

SITE		SEAD-121D Bldg. 306 and 308 HM Release SB121D-1 EB220 SA		SEAD-121D Bldg. 306 and 308 HM Release SB121D-1 EB221 SA		SEAD-121D Bldg. 306 and 308 HM Release SB121D-2 EB218 SA								
DESCRIPTION:		0		0.8		0								
LOC ID:		0.2		1.4		0.2								
SAMP ID:		SOIL		SOIL		SOIL								
QC CODE:		8-Mar-98		8-Mar-98		8-Mar-98								
SAMP. DEPTH TOP:														
SAMP. DEPTH BOT:														
MATRIX:														
SAMP. DATE:														
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q
Fluoranthene	UG/KG	1800	87.50%	50000	21024000	0	7	8	53 J		5.6 J		5.8	
Fluorene	UG/KG	29	25.00%	50000	21024000	0	2	8	91 U		72 U		76	
Hexachlorobenzene	UG/KG	0	0.00%	410	3577	0	0	8	91 U		72 U		76	
Hexachlorobutadiene	UG/KG	0	0.00%		73374	0	0	8	91 U		72 U		76	
Hexachlorocyclopentadiene	UG/KG	0	0.00%		3679200	0	0	8	91 U		72 U		76	
Hexachloroethane	UG/KG	0	0.00%		408800	0	0	8	91 U		72 U		76	
Indeno[1,2,3-cd]pyrene	UG/KG	630	62.50%	3200	7840	0	5	8	28 J		72 U		76	
Isophorone	UG/KG	0	0.00%	4400		0	0	8	91 U		72 U		76	
N-Nitrosodiphenylamine	UG/KG	0	0.00%		1168000	0	0	8	91 U		72 U		76	
N-Nitrosodipropylamine	UG/KG	0	0.00%		818	0	0	8	91 U		72 U		76	
Naphthalene	UG/KG	35	12.50%	13000	21024000	0	1	8	91 U		72 U		76	
Nitrobenzene	UG/KG	0	0.00%	200	262800	0	0	8	91 U		72 U		76	
Pentachlorophenol	UG/KG	0	0.00%	1000	47693	0	0	8	220 U		170 U		180	
Phenanthrene	UG/KG	540	87.50%	50000		0	7	8	19 J		4.8 J		4.4	
Phenol	UG/KG	0	0.00%	30	315360000	0	0	8	91 U		72 U		76	
Pyrene	UG/KG	1400	87.50%	50000	15768000	0	7	8	55 J		5.5 J		5.2	
TPH	MG/KG	359	62.50%			0	5	8	55.3		15 U		37.5	

Table 29-5
SEAD-121D: Semivolatile/TPH in Soil vs PRG-IND
Non-Evaluated Sites

SITE DESCRIPTION: LOC ID: SAMP ID: QC CODE: SAMP. DEPTH TOP: SAMP. DEPTH BOT: MATRIX: SAMP. DATE:	SEAD-121D Bldg. 306 and 308 HM Release SB121D-2 EB229 SA		SEAD-121D Bldg. 306 and 308 HM Release SB121D-3 EB222 SA		SEAD-121D Bldg. 306 and 308 HM Release SB121D-3 EB223 SA		SEAD-121D Bldg. 306 and 308 HM Release SS121D-1 EB224 SA		SEAD-121D Bldg. 306 and 308 HM Release SS121D-2 EB225 SA		
	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	
PARAMETER	UNIT	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	
1,2,4 Trichlorobenzene	UG/KG	U	75 U		350 U		74 U		72 U		350 U
1,2-Dichlorobenzene	UG/KG	U	75 U		350 U		74 U		72 U		350 U
1,3-Dichlorobenzene	UG/KG	U	75 U		350 U		74 U		72 U		350 U
1,4-Dichlorobenzene	UG/KG	U	75 U		350 U		74 U		72 U		350 U
2,4,5 Trichlorophenol	UG/KG	U	180 U		840 U		180 U		180 U		860 U
2,4,6-Trichlorophenol	UG/KG	U	75 U		350 U		74 U		72 U		350 U
2,4-Dichlorophenol	UG/KG	U	75 U		350 U		74 U		72 U		350 U
2,4-Dimethylphenol	UG/KG	U	75 U		350 U		74 U		72 U		350 U
2,4-Dinitrophenol	UG/KG	U	180 U		840 U		180 U		180 U		860 U
2,4-Dinitrotoluene	UG/KG	U	75 U		350 U		74 U		72 U		350 U
2,6-Dinitrotoluene	UG/KG	U	75 U		350 U		74 U		72 U		350 U
2-Chloronaphthalene	UG/KG	U	75 U		350 U		74 U		72 U		350 U
2-Chlorophenol	UG/KG	U	75 U		350 U		74 U		72 U		350 U
2-Methylnaphthalene	UG/KG	U	75 U		40 J		74 U		7 J		350 U
2-Methylphenol	UG/KG	U	75 U		350 U		74 U		72 U		350 U
2-Nitroaniline	UG/KG	U	180 U		840 U		180 U		180 U		860 U
2 Nitrophenol	UG/KG	U	75 U		350 U		74 U		72 U		350 U
3,3'-Dichlorobenzidine	UG/KG	U	75 U		350 U		74 U		72 U		350 U
3-Nitroaniline	UG/KG	U	180 U		840 U		180 U		180 U		860 U
4,6-Dinitro-2-methylphenol	UG/KG	U	180 U		840 U		180 U		180 U		860 U
4-Bromophenyl phenyl ether	UG/KG	U	75 U		350 U		74 U		72 U		350 U
4-Chloro-3-methylphenol	UG/KG	U	75 U		350 U		74 U		72 U		350 U
4-Chloroaniline	UG/KG	U	75 U		350 U		74 U		72 U		350 U
4-Chlorophenyl phenyl ether	UG/KG	U	75 U		350 U		74 U		72 U		350 U
4-Methylphenol	UG/KG	U	75 U		350 U		74 U		72 U		350 U
4-Nitroaniline	UG/KG	U	180 U		840 U		180 U		180 U		860 U
4-Nitrophenol	UG/KG	U	180 U		840 U		180 U		180 U		860 U
Acenaphthene	UG/KG	U	75 U		25 J		74 U		72 U		23 J
Acenaphthylene	UG/KG	U	75 U		79 J		4.1 J		72 U		350 U
Anthracene	UG/KG	U	75 U		45 J		5.8 J		72 U		67 J
Benzo[a]anthracene	UG/KG	U	75 U		520		48 J		5 J		830
Benzo[a]pyrene	UG/KG	U	75 U		890		61 J		6.7 J		880
Benzo[b]fluoranthene	UG/KG	U	75 U		570		60 J		7.9 J		930
Benzo[ghi]perylene	UG/KG	U	75 U		960		57 J		7.1 J		570
Benzo[k]fluoranthene	UG/KG	U	75 U		760		56 J		7 J		1000
Bis(2-Chloroethoxy)methane	UG/KG	U	75 U		350 U		74 U		72 U		350 U
Bis(2-Chloroethyl)ether	UG/KG	U	75 U		350 U		74 U		72 U		350 U
Bis(2-Chloroisopropyl)ether	UG/KG	U	75 U		350 U		74 U		72 U		350 U
Bis(2-Ethylhexyl)phthalate	UG/KG	JB	13 JB		350 U		9 JB		11 JB		25 JB
Butylbenzylphthalate	UG/KG	J	75 U		350 U		74 U		72 U		350 U
Carbazole	UG/KG	U	75 U		350 U		4.3 J		72 U		66 J
Chrysene	UG/KG	J	75 U		720		56 J		8 J		980
Di-n butylphthalate	UG/KG	U	75 U		350 U		74 U		72 U		350 U
Di-n-octylphthalate	UG/KG	U	22 J		350 U		74 U		8.2 J		350 U
Dibenz[a,h]anthracene	UG/KG	U	75 U		370		21 J		72 U		240 J
Dibenzofuran	UG/KG	U	75 U		350 U		74 U		72 U		350 U
Diethyl phthalate	UG/KG	U	7 JB		350 U		9.1 JB		6.4 JB		350 U
Dimethylphthalate	UG/KG	U	75 U		350 U		74 U		72 U		350 U

Table 29-5
SEAD-121D: Semivolatile/TPH in Soil vs PRG-IND
Non-Evaluated Sites

SITE		SEAD-121D	SEAD-121D	SEAD-121D	SEAD-121D	SEAD-121D						
DESCRIPTION:		Bldg. 306 and 308 HM Release	Bldg. 306 and 308 HM Release	Bldg. 306 and 308 HM Release	Bldg. 306 and 308 HM Release	Bldg. 306 and 308 HM Release						
LOC ID:		SB121D-2	SB121D-3	SB121D-3	SS121D-1	SS121D-2						
SAMP ID:		EB219	EB222	EB223	EB224	EB225						
QC CODE:		SA	SA	SA	SA	SA						
SAMP. DEPTH TOP:		4	0	2.3	0	0						
SAMP. DEPTH BOT:		4.5	0.2	2.5	0.2	0.2						
MATRIX:		SOIL	SOIL	SOIL	SOIL	SOIL						
SAMP. DATE:		8-Mar-98	8-Mar-98	8 Mar 98	8 Mar 98	8-Mar-98						
PARAMETER	UNIT	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Fluoranthene	UG/KG	J	75	U	410	J	70	J	8.6	J	1800	J
Fluorene	UG/KG	U	75	U	29	J	74	U	72	U	25	J
Hexachlorobenzene	UG/KG	U	75	U	350	U	74	U	72	U	350	U
Hexachlorobutadiene	UG/KG	U	75	U	350	U	74	U	72	U	350	U
Hexachlorocyclopentadiene	UG/KG	U	75	U	350	U	74	U	72	U	350	U
Hexachloroethane	UG/KG	U	75	U	350	U	74	U	72	U	350	U
Indeno[1,2,3-cd]pylene	UG/KG	U	75	U	630	J	40	J	6.2	J	590	J
Isophorone	UG/KG	U	75	U	350	U	74	U	72	U	350	U
N-Nitrosodiphenylamine	UG/KG	U	75	U	350	U	74	U	72	U	350	U
N-Nitrosodipropylamine	UG/KG	U	75	U	350	U	74	U	72	U	350	U
Naphthalene	UG/KG	U	75	U	35	J	74	U	72	U	350	U
Nitrobenzene	UG/KG	U	75	U	350	U	74	U	72	U	350	U
Pentachlorophenol	UG/KG	U	180	U	840	U	180	U	180	U	860	U
Phenanthrene	UG/KG	J	75	U	200	J	28	J	4.6	J	540	J
Phenol	UG/KG	U	75	U	350	U	74	U	72	U	350	U
Pylene	UG/KG	J	75	U	1200	J	97	J	9.3	J	1400	J
TPH	MG/KG	U	17	U	359	U	18.4	U	25.3	U	126	U

SEAD-121E

Building 127 UST Petroleum Release

Table 30-1

Sample Collection Information
SEAD-121E - Building 127 UST Petroleum Release

9 Low Priority EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	SB121E-1	EB267	3/17/98	0.00	0.30	SA	Location is N. of UST, on the S. edge of the railroad bed. This is downgradient of the filling area. Overhead lines, splitspoon hammered by hand. Surface soil sample, near water table.
SOIL	SB121E-1	EB268	3/17/98	0.80	1.10	SA	Same location as above. Refusal at 1.1 ft. Both samples taken from one spoon. Slight odor, no VOC's or impact to soils detected.
SOIL	SB121E-2	EB256	3/17/98	0.00	0.70	SA	Location is W. of UST. Parking area for tanker truck. Boring adjacent to small area of black stained soil. No VOC's or impact to soil detected.
SOIL	SB121E-2	EB257	3/17/98	5.10	5.50	SA	Same location as above. Sample taken at interval with a 44 ppm VOC screen & petroleum odor. Top of water table.

Notes:

SA = Sample

Table 30-2
SEAD-121E Volatiles in Soil vs. NYTAGM
Non-Evaluated Sites

2/17/99

SITE	DESCRIPTION	LOC ID	SAMP_ID	OC CODE	SAMP_DETH TOP	SAMP_DEPTH BOT	MATRIX	SAMP_DATE	SEAD-121E Bldg 127 UST Petroleum Release SB121E-1 EB267 SA		SEAD-121E Bldg. 127 UST Petroleum Release SB121E-1 EB256 SA		SEAD-121E Bldg 127 UST Petroleum Release SB121E-1 EB268 SA		SEAD-121E Bldg 127 UST Petroleum Release SB121E-2 EB257 SA	
									0	0.3	0	0.7	0.8	1.1	5.1	5.5
									SOIL 17-Mar-98		SOIL 17-Mar-98		SOIL 17-Mar-98		SOIL 17-Mar-98	
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	O	VALUE	O	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	UG/KG	0	0.00%	800	18396000	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
1,1,2,2-Tetrachloroethane	UG/KG	0	0.00%	600	286160	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
1,1,2-Trichloroethane	UG/KG	0	0.00%		100407	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
1,1-Dichloroethane	UG/KG	0	0.00%	200	52560000	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
1,1-Dichloroethane	UG/KG	0	0.00%	400	9539	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
1,2-Dichloroethane	UG/KG	0	0.00%	100	62892	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
1,2-Dichloroethane (total)	UG/KG	0	0.00%			0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
1,2-Dichloropropane	UG/KG	0	0.00%		84165	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Acetone	UG/KG	400	100.00%	200	52560000	1	4	4	4	39	9 JB	18 B	490	490	490	
Benzene	UG/KG	0	0.00%	60	197352	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Bromodichloromethane	UG/KG	0	0.00%		92310	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Bromoform	UG/KG	0	0.00%		724456	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Carbon disulfide	UG/KG	2	50.00%	2700	52560000	0	2	4	4	2 J	11 U	11 U	2 J	48 U	48 U	
Carbon tetrachloride	UG/KG	0	0.00%	600	44025	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Chlorobenzene	UG/KG	4	25.00%	1700	10512000	0	1	4	4	11 U	11 U	11 U	4 J	48 U	48 U	
Chlorodibromomethane	UG/KG	0	0.00%		68133	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Chloroethane	UG/KG	0	0.00%	1900	210240000	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Chloroform	UG/KG	4	25.00%	300	938230	0	1	4	4	11 U	11 U	11 U	4 JB	48 U	48 U	
Cis-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Ethyl benzene	UG/KG	0	0.00%	5500	52560000	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Methyl bromide	UG/KG	0	0.00%		751608	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Methyl butyl ketone	UG/KG	0	0.00%			0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Methyl chloride	UG/KG	0	0.00%		440246	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Methyl ethyl ketone	UG/KG	0	0.00%	300		0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Methyl isobutyl ketone	UG/KG	0	0.00%	1000	42048000	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Methylene chloride	UG/KG	0	0.00%	100	763093	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Styrene	UG/KG	0	0.00%			0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Tetrachloroethene	UG/KG	0	0.00%	1400	110062	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Toluene	UG/KG	38	100.00%	1500	105120000	0	4	4	4	27	11 J	7 J	38 J	38 J	38 J	
Total Xylenes	UG/KG	0	0.00%	1200	105120000	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Trans-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Trichloroethene	UG/KG	0	0.00%	700	520291	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	
Vinyl chloride	UG/KG	0	0.00%	200	3012	0	0	4	4	11 U	11 U	11 U	11 U	48 U	48 U	

Table 30.3
SEAD 121E Volatiles in Soil vs PRG IND
Non Evaluated Sites

SITE	DESCRIPTION	LOC ID	SAMP_ID	QC CODE	SAMP DETH TOP	SAMP DEPTH BOT	MATRIX	SAMP DATE	SEAD 121E		SEAD-121E		SEAD-121E		SEAD-121E	
									Bldg 127 UST	Petroleum	Bldg 127 UST	Petroleum	Bldg 127 UST	Petroleum	Bldg 127 UST	Petroleum
									Release	Release	Release	Release	Release	Release	Release	Release
									SB121E-1	SB121E-1	SB121E-1	SB121E-1	SB121E-1	SB121E-1	SB121E-2	SB121E-2
									EB267	EB256	EB268	EB268	EB268	EB268	EB267	EB267
									SA	SA	SA	SA	SA	SA	SA	SA
									0	0	0 8	0 8	0 8	0 8	5 1	5 1
									0 3	0 7	1 1	1 1	1 1	5 5	5 5	5 5
									SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
									17-Mar-98	17-Mar-98	17-Mar-98	17-Mar-98	17-Mar-98	17-Mar-98	17-Mar-98	17-Mar-98
									VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1.1.1 Trichloroethane	UG/KG	0	0.00%	800	18396000	0	0	4	11 U		11 U		11 U		48 U	
1.1.2.2-Tetrachloroethane	UG/KG	0	0.00%	600	286160	0	0	4	11 U		11 U		11 U		48 U	
1.1.2 Trichloroethane	UG/KG	0	0.00%		100407	0	0	4	11 U		11 U		11 U		48 U	
1.1-Dichloroethane	UG/KG	0	0.00%	200	52560000	0	0	4	11 U		11 U		11 U		48 U	
1.1-Dichloroethane	UG/KG	0	0.00%	400	9539	0	0	4	11 U		11 U		11 U		48 U	
1.2 Dichloroethane	UG/KG	0	0.00%	100	62892	0	0	4	11 U		11 U		11 U		48 U	
1.2-Dichloroethane (total)	UG/KG	0	0.00%			0	0	4	11 U		11 U		11 U		48 U	
1.2-Dichloropropane	UG/KG	0	0.00%		84165	0	0	4	11 U		11 U		11 U		48 U	
Acetone	UG/KG	400	100.00%	200	52560000	0	4	4	39		9 JB		18 B		400	
Benzene	UG/KG	0	0.00%	60	197352	0	0	4	11 U		11 U		11 U		48 U	
Bromodichloromethane	UG/KG	0	0.00%		92310	0	0	4	11 U		11 U		11 U		48 U	
Bromoform	UG/KG	0	0.00%		724456	0	0	4	11 U		11 U		11 U		48 U	
Carbon disulfide	UG/KG	2	50.00%	2700	52560000	0	2	4	2 J		11 U		2 J		48 U	
Carbon tetrachloride	UG/KG	0	0.00%	600	44025	0	0	4	11 U		11 U		11 U		48 U	
Chlorobenzene	UG/KG	4	25.00%	1700	10512000	0	1	4	11 U		11 U		4 J		48 U	
Chlorodibromomethane	UG/KG	0	0.00%		68133	0	0	4	11 U		11 U		11 U		48 U	
Chloroethane	UG/KG	0	0.00%	1900	210240000	0	0	4	11 U		11 U		11 U		48 U	
Chloroform	UG/KG	4	25.00%	300	938230	0	1	4	11 U		11 U		4 JB		48 U	
Cis-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	4	11 U		11 U		11 U		48 U	
Ethyl benzene	UG/KG	0	0.00%	5500	52560000	0	0	4	11 U		11 U		11 U		48 U	
Methyl bromide	UG/KG	0	0.00%		751608	0	0	4	11 U		11 U		11 U		48 U	
Methyl butyl ketone	UG/KG	0	0.00%			0	0	4	11 U		11 U		11 U		48 U	
Methyl chloride	UG/KG	0	0.00%		440246	0	0	4	11 U		11 U		11 U		48 U	
Methyl ethyl ketone	UG/KG	0	0.00%	300		0	0	4	11 U		11 U		11 U		48 U	
Methyl isobutyl ketone	UG/KG	0	0.00%	1000	42048000	0	0	4	11 U		11 U		11 U		48 U	
Methylene chloride	UG/KG	0	0.00%	100	763093	0	0	4	11 U		11 U		11 U		48 U	
Styrene	UG/KG	0	0.00%			0	0	4	11 U		11 U		11 U		48 U	
Tetrachloroethene	UG/KG	0	0.00%	1400	110062	0	0	4	11 U		11 U		11 U		48 U	
Toluene	UG/KG	38	100.00%	1500	105120000	0	4	4	27		11 J		7 J		38 J	
Total Xylenes	UG/KG	0	0.00%	1200	1051200000	0	0	4	11 U		11 U		11 U		48 U	
Trans-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	4	11 U		11 U		11 U		48 U	
Trichloroethene	UG/KG	0	0.00%	700	520291	0	0	4	11 U		11 U		11 U		48 U	
Vinyl chloride	UG/KG	0	0.00%	200	3012	0	0	4	11 U		11 U		11 U		48 U	

Table 30-4
SEAD-121E- Semivolatiles/TPH and Lead in Soil vs. NYTAGM
Non-Evaluated Sites

2/17/99

SITE:

SEAD-121E
Bldg. 127 UST
Petroleum
Release
SB121E-1
EB267
SA

DESCRIPTION:

LOC ID:

SAMP_ID:

QC CODE:

SAMP. DETH TOP:

SAMP. DEPTH BOT:

MATRIX:

SAMP. DATE:

0

0.3

SOIL

17-Mar-98

PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	5256000	0	0	4	750 U	
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	47304000	0	0	4	750 U	
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	46778400	0	0	4	750 U	
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	238467	0	0	4	750 U	
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	52560000	0	0	4	1800 U	
2,4,6-Trichlorophenol	UG/KG	0	0.00%		520291	0	0	4	750 U	
2,4-Dichlorophenol	UG/KG	0	0.00%	400	1576800	0	0	4	750 U	
2,4-Dimethylphenol	UG/KG	0	0.00%		10512000	0	0	4	750 U	
2,4-Dinitrophenol	UG/KG	0	0.00%	200	1051200	0	0	4	1800 U	
2,4-Dinitrotoluene	UG/KG	0	0.00%		1051200	0	0	4	750 U	
2,6-Dinitrotoluene	UG/KG	0	0.00%	1000	525600	0	0	4	750 U	
2-Chloronaphthalene	UG/KG	0	0.00%			0	0	4	750 U	
2-Chlorophenol	UG/KG	0	0.00%	800	2628000	0	0	4	750 U	
2-Methylnaphthalene	UG/KG	260	100.00%	36400		0	4	4	220 J	
2-Methylphenol	UG/KG	0	0.00%	100	26280000	0	0	4	750 U	
2-Nitroaniline	UG/KG	9.7	25.00%	430	31536	0	1	4	1800 U	
2-Nitrophenol	UG/KG	0	0.00%	330		0	0	4	750 U	
3,3'-Dichlorobenzidine	UG/KG	0	0.00%		12718	0	0	4	750 U	
3-Nitroaniline	UG/KG	0	0.00%	500	1576800	0	0	4	1800 U	
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%			0	0	4	1800 U	
4-Bromophenyl phenyl ether	UG/KG	0	0.00%		30484800	0	0	4	750 U	
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240		0	0	4	750 U	
4-Chloroaniline	UG/KG	0	0.00%	220	2102400	0	0	4	750 U	
4-Chlorophenyl phenyl ether	UG/KG	7.6	25.00%			0	1	4	750 U	
4-Methylphenol	UG/KG	0	0.00%	900		0	0	4	750 U	
4-Nitroaniline	UG/KG	0	0.00%		1576800	0	0	4	1800 U	
4-Nitrophenol	UG/KG	0	0.00%	100	31536000	0	0	4	1800 U	
Acenaphthene	UG/KG	230	50.00%	50000		0	2	4	750 U	
Acenaphthylene	UG/KG	120	50.00%	41000		0	2	4	750 U	
Anthracene	UG/KG	630	75.00%	50000	157680000	0	3	4	750 U	
Benzo[a]anthracene	UG/KG	3900	100.00%	224	7840	1	4	4	53 J	
Benzo[a]pyrene	UG/KG	3600	75.00%	61	784	2	3	4	750 U	
Benzo[b]fluoranthene	UG/KG	3300	133.33%	1100	7840	1	4	3	180 YJ	
Benzo[ghi]perylene	UG/KG	2000	75.00%	50000		0	3	4	750 U	
Benzo[k]fluoranthene	UG/KG	4800	75.00%	1100	78400	1	3	4	750 U	
Bis(2-Chloroethoxy)methane	UG/KG	6.2	25.00%			0	1	4	750 U	
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%		5203	0	0	4	750 U	
Bis(2-Chloroisopropyl)ether	UG/KG	0	0.00%		81760	0	0	4	750 U	
Bis(2-Ethylhexyl)phthalate	UG/KG	21	50.00%	50000	408800	0	2	4	750 U	
Butylbenzylphthalate	UG/KG	12	25.00%	50000	105120000	0	1	4	750 U	
Carbazole	UG/KG	420	50.00%		286160	0	2	4	750 U	

Table 30-4
SEAD-121E- Semivolatiles/TPH and Lead in Soil vs. NYTAGM
Non-Evaluated Sites

SITE:

SEAD-121E
Bldg. 127 UST
Petroleum
Release
SB121E-1
EB267
SA

DESCRIPTION:

LOC ID:
SAMP_ID:
QC CODE:
SAMP. DETH TOP:
SAMP. DEPTH BOT:
MATRIX:
SAMP. DATE:

0
0.3
SOIL
17-Mar-98

PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q
Chrysene	UG/KG	4500	100.00%	400	784000	1	4	4	110	J
Di-n-butylphthalate	UG/KG	8.9	25.00%	8100		0	1	4	750	U
Di-n-octylphthalate	UG/KG	16	25.00%	50000	10512000	0	1	4	750	U
Dibenz[a,h]anthracene	UG/KG	890	75.00%	14	784	3	3	4	750	U
Dibenzofuran	UG/KG	120	50.00%	6200	2102400	0	2	4	750	U
Diethyl phthalate	UG/KG	15	25.00%	7100	420480000	0	1	4	750	U
Dimethylphthalate	UG/KG	6.2	25.00%	2000	5256000000	0	1	4	750	U
Fluoranthene	UG/KG	6800	100.00%	50000	21024000	0	4	4	130	J
Fluorene	UG/KG	330	50.00%	50000	21024000	0	2	4	750	U
Hexachlorobenzene	UG/KG	0	0.00%	410	3577	0	0	4	750	U
Hexachlorobutadiene	UG/KG	5.2	25.00%		73374	0	1	4	750	U
Hexachlorocyclopentadiene	UG/KG	0	0.00%		3679200	0	0	4	750	U
Hexachloroethane	UG/KG	0	0.00%		408800	0	0	4	750	U
Indeno[1,2,3-cd]pyrene	UG/KG	1900	75.00%	3200	7840	0	3	4	750	U
Isophorone	UG/KG	0	0.00%	4400		0	0	4	750	U
N-Nitrosodiphenylamine	UG/KG	6.2	25.00%		1168000	0	1	4	750	U
N-Nitrosodipropylamine	UG/KG	0	0.00%		818	0	0	4	750	U
Naphthalene	UG/KG	96	100.00%	13000	21024000	0	4	4	88	J
Nitrobenzene	UG/KG	0	0.00%	200	262800	0	0	4	750	U
Pentachlorophenol	UG/KG	0	0.00%	1000	47693	0	0	4	1800	U
Phenanthrene	UG/KG	4200	100.00%	50000		0	4	4	130	J
Phenol	UG/KG	0	0.00%	30	315360000	0	0	4	750	U
Pyrene	UG/KG	6800	100.00%	50000	15768000	0	4	4	150	J
TPH	MG/KG	3780	75.00%			0	3	4	3780	
Lead	MG/KG	92.5	100.00%	24.4		2	4	4	67.5	

Table 30-4
SEAD-121E- Semivolatiles/TPH and Lead in Soil vs. NYTAGM
Non-Evaluated Sites

SITE:	SEAD-121E		SEAD-121E		SEAD-121E		
	Bldg. 127 UST		Bldg. 127 UST		Bldg. 127 UST		
DESCRIPTION:	Petroleum		Petroleum		Petroleum		
LOC ID:	Release		Release		Release		
SAMP_ID:	SB121E-1		SB121E-1		SB121E-2		
QC CODE:	EB256		EB268		EB257		
SAMP. DETH TOP:	SA		SA		SA		
SAMP. DEPTH BOT:	0		0.8		5.1		
MATRIX:	0.7		1.1		5.5		
SAMP. DATE:	SOIL		SOIL		SOIL		
	17-Mar-98		17-Mar-98		17-Mar-98		
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	1400	U	360	U	81	U
1,2-Dichlorobenzene	UG/KG	1400	U	360	U	81	U
1,3-Dichlorobenzene	UG/KG	1400	U	360	U	81	U
1,4-Dichlorobenzene	UG/KG	1400	U	360	U	81	U
2,4,5-Trichlorophenol	UG/KG	3500	U	880	U	200	U
2,4,6-Trichlorophenol	UG/KG	1400	U	360	U	81	U
2,4-Dichlorophenol	UG/KG	1400	U	360	U	81	U
2,4-Dimethylphenol	UG/KG	1400	U	360	U	81	U
2,4-Dinitrophenol	UG/KG	3500	U	880	U	200	U
2,4-Dinitrotoluene	UG/KG	1400	U	360	U	81	U
2,6-Dinitrotoluene	UG/KG	1400	U	360	U	81	U
2-Chloronaphthalene	UG/KG	1400	U	360	U	81	U
2-Chlorophenol	UG/KG	1400	U	360	U	81	U
2-Methylnaphthalene	UG/KG	76	J	260	J	9.8	J
2-Methylphenol	UG/KG	1400	U	360	U	81	U
2-Nitroaniline	UG/KG	3500	U	880	U	9.7	J
2-Nitrophenol	UG/KG	1400	U	360	U	81	U
3,3'-Dichlorobenzidine	UG/KG	1400	U	360	U	81	U
3-Nitroaniline	UG/KG	3500	U	880	U	200	U
4,6-Dinitro-2-methylphenol	UG/KG	3500	U	880	U	200	U
4-Bromophenyl phenyl ether	UG/KG	1400	U	360	U	81	U
4-Chloro-3-methylphenol	UG/KG	1400	U	360	U	81	U
4-Chloroaniline	UG/KG	1400	U	360	U	81	U
4-Chlorophenyl phenyl ether	UG/KG	1400	U	360	U	7.6	J
4-Methylphenol	UG/KG	1400	U	360	U	81	U
4-Nitroaniline	UG/KG	3500	U	880	U	200	U
4-Nitrophenol	UG/KG	3500	U	880	U	200	U
Acenaphthene	UG/KG	230	J	360	U	7.6	J
Acenaphthylene	UG/KG	120	J	360	U	6.4	J
Anthracene	UG/KG	630	J	37	J	8.6	J
Benzo[a]anthracene	UG/KG	3900	J	93	J	17	J
Benzo[a]pyrene	UG/KG	3600	J	84	J	18	J
Benzo[b]fluoranthene	UG/KG	3300	J	160	J	23	J
Benzo[ghi]perylene	UG/KG	2000	J	81	J	17	J
Benzo[k]fluoranthene	UG/KG	1800	J	110	J	22	J
Bis(2-Chloroethoxy)methane	UG/KG	1400	U	360	U	6.2	J
Bis(2-Chloroethyl)ether	UG/KG	1400	U	360	U	81	U
Bis(2-Chloroisopropyl)ether	UG/KG	1400	U	360	U	81	U
Bis(2-Ethylhexyl)phthalate	UG/KG	1400	U	21	JB	14	JB
Butylbenzylphthalate	UG/KG	1400	U	360	U	12	J
Carbazole	UG/KG	420	J	360	U	16	J

Table 30-4
SEAD-121E- Semivolatiles/TPH and Lead in Soil vs. NYTAGM
Non-Evaluated Sites

2/17/99

SITE:	SEAD-121E		SEAD-121E		SEAD-121E		
	Bldg. 127 UST		Bldg. 127 UST		Bldg. 127 UST		
DESCRIPTION:	Petroleum		Petroleum		Petroleum		
	Release		Release		Release		
LOC ID:	SB121E-1		SB121E-1		SB121E-2		
SAMP_ID:	EB256		EB268		EB257		
QC CODE:	SA		SA		SA		
SAMP. DETH TOP:	0		0.8		5.1		
SAMP. DEPTH BOT:	0.7		1.1		5.5		
MATRIX:	SOIL		SOIL		SOIL		
SAMP. DATE:	17-Mar-98		17-Mar-98		17-Mar-98		
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q
Chrysene	UG/KG	4500		130	J	21	J
Di-n-butylphthalate	UG/KG	1400	U	360	U	8.9	J
Di-n-octylphthalate	UG/KG	1400	U	360	U	16	J
Dibenz[a,h]anthracene	UG/KG	890	J	36	J	16	J
Dibenzofuran	UG/KG	120	J	360	U	8.4	J
Diethyl phthalate	UG/KG	1400	U	360	U	15	JB
Dimethylphthalate	UG/KG	1400	U	360	U	6.2	J
Fluoranthene	UG/KG	6800		220	J	31	J
Fluorene	UG/KG	330	J	360	U	8.9	J
Hexachlorobenzene	UG/KG	1400	U	360	U	81	U
Hexachlorobutadiene	UG/KG	1400	U	360	U	5.2	J
Hexachlorocyclopentadiene	UG/KG	1400	U	360	U	81	U
Hexachloroethane	UG/KG	1400	U	360	U	81	U
Indeno[1,2,3-cd]pyrene	UG/KG	1900		67	J	15	J
Isophorone	UG/KG	1400	U	360	U	81	U
N-Nitrosodiphenylamine	UG/KG	1400	U	360	U	6.2	J
N-Nitrosodipropylamine	UG/KG	1400	U	360	U	81	U
Naphthalene	UG/KG	83	J	96	J	7	J
Nitrobenzene	UG/KG	1400	U	360	U	81	U
Pentachlorophenol	UG/KG	3500	U	880	U	200	U
Phenanthrene	UG/KG	4200		210	J	21	J
Phenol	UG/KG	1400	U	360	U	81	U
Pyrene	UG/KG	6800		230	J	23	J
TPH	MG/KG	172		2800		18.3	U
Lead	MG/KG	24.2		92.5		16.3	

Table 30-5
SEAD 121E- Semivolatiles/TPH and Lead in Soil vs PRG-IND
Non-Evaluated Sites

2/17/99

SITE						SEAD-121E	SEAD-121E	SEAD-121E	SEAD-121E						
						Bldg. 127 UST	Bldg. 127 UST	Bldg. 127 UST	Bldg. 127 UST						
DESCRIPTION						Petroleum	Petroleum	Petroleum	Petroleum						
LOC ID						Release	Release	Release	Release						
SAMP_ID						SB121E-1	SB121E-1	SB121E-1	SB121E-2						
OC CODE						EB267	EB256	EB268	EB257						
SAMP DEPTH TOP						SA	SA	SA	SA						
SAMP DEPTH BOT						0	0	0.8	5.1						
MATRIX						0.3	0.7	1.1	5.5						
SAMP DATE						SOIL	SOIL	SOIL	SOIL						
						17-Mar-98	17-Mar-98	17-Mar-98	17-Mar-98						
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	O	VALUE	Q	VALUE	Q	VALUE
Volatiles		0	0.00%			0	0	4							
1,1,1-Trichloroethane	UG/KG	0	0.00%	800	18396000	0	0	4	11 U		11 U		11 U		48
1,1,2,2-Tetrachloroethane	UG/KG	0	0.00%	600	286160	0	0	4	11 U		11 U		11 U		48
1,1,2-Trichloroethane	UG/KG	0	0.00%		100407	0	0	4	11 U		11 U		11 U		48
1,1-Dichloroethane	UG/KG	0	0.00%	200	52560000	0	0	4	11 U		11 U		11 U		48
1,1-Dichloroethene	UG/KG	0	0.00%	400	9539	0	0	4	11 U		11 U		11 U		48
1,2-Dichloroethane	UG/KG	0	0.00%	100	62892	0	0	4	11 U		11 U		11 U		48
1,2-Dichloroethene (total)	UG/KG	0	0.00%			0	0	4	11 U		11 U		11 U		48
1,2-Dichloropropane	UG/KG	0	0.00%		84165	0	0	4	11 U		11 U		11 U		48
Acetone	UG/KG	400	100.00%	200	52560000	0	4	4	39	9 JB			18 B		400
Benzene	UG/KG	0	0.00%	60	197352	0	0	4	11 U		11 U		11 U		48
Bromodichloromethane	UG/KG	0	0.00%		92310	0	0	4	11 U		11 U		11 U		48
Bromoform	UG/KG	0	0.00%		724456	0	0	4	11 U		11 U		11 U		48
Carbon disulfide	UG/KG	2	50.00%	2700	52560000	0	2	4	2 J		11 U		2 J		48
Carbon tetrachloride	UG/KG	0	0.00%	600	44025	0	0	4	11 U		11 U		11 U		48
Chlorobenzene	UG/KG	4	25.00%	1700	10512000	0	1	4	11 U		11 U		4 J		48
Chlorodibromomethane	UG/KG	0	0.00%		68133	0	0	4	11 U		11 U		11 U		48
Chloroethane	UG/KG	0	0.00%	1900	210240000	0	0	4	11 U		11 U		11 U		48
Chloroform	UG/KG	4	25.00%	300	938230	0	1	4	11 U		11 U		4 JB		48
Cis-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	4	11 U		11 U		11 U		48
Ethyl benzene	UG/KG	0	0.00%	5500	52560000	0	0	4	11 U		11 U		11 U		48
Methyl bromide	UG/KG	0	0.00%		751608	0	0	4	11 U		11 U		11 U		48
Methyl butyl ketone	UG/KG	0	0.00%			0	0	4	11 U		11 U		11 U		48
Methyl chloride	UG/KG	0	0.00%		440246	0	0	4	11 U		11 U		11 U		48
Methyl ethyl ketone	UG/KG	0	0.00%	300		0	0	4	11 U		11 U		11 U		48
Methyl isobutyl ketone	UG/KG	0	0.00%	1000	42048000	0	0	4	11 U		11 U		11 U		48
Methylene chloride	UG/KG	0	0.00%	100	763093	0	0	4	11 U		11 U		11 U		48
Styrene	UG/KG	0	0.00%			0	0	4	11 U		11 U		11 U		48
Tetrachloroethene	UG/KG	0	0.00%	1400	110062	0	0	4	11 U		11 U		11 U		48
Toluene	UG/KG	38	100.00%	1500	105120000	0	4	4	27	11 J			7 J		38
Total Xylenes	UG/KG	0	0.00%	1200	1051200000	0	0	4	11 U		11 U		11 U		48
Trans-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	4	11 U		11 U		11 U		48
Trichloroethene	UG/KG	0	0.00%	700	520291	0	0	4	11 U		11 U		11 U		48
Vinyl chloride	UG/KG	0	0.00%	200	3012	0	0	4	11 U		11 U		11 U		48
Semivolatiles		0	0.00%			0	0	4							
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	5256000	0	0	4	750 U		1400 U		360 U		81
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	47304000	0	0	4	750 U		1400 U		360 U		81
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	46778400	0	0	4	750 U		1400 U		360 U		81
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	238467	0	0	4	750 U		1400 U		360 U		81
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	52560000	0	0	4	1800 U		3500 U		880 U		200
2,4,6-Trichlorophenol	UG/KG	0	0.00%		520291	0	0	4	750 U		1400 U		360 U		81
2,4-Dichlorophenol	UG/KG	0	0.00%	400	1576800	0	0	4	750 U		1400 U		360 U		81
2,4-Dimethylphenol	UG/KG	0	0.00%		10512000	0	0	4	750 U		1400 U		360 U		81
2,4-Dinitrophenol	UG/KG	0	0.00%	200	1051200	0	0	4	1800 U		3500 U		880 U		200
2,4-Dinitrotoluene	UG/KG	0	0.00%		1051200	0	0	4	750 U		1400 U		360 U		81
2,6-Dinitrotoluene	UG/KG	0	0.00%	1000	525600	0	0	4	750 U		1400 U		360 U		81
2-Chloronaphthalene	UG/KG	0	0.00%			0	0	4	750 U		1400 U		360 U		81
2-Chlorophenol	UG/KG	0	0.00%	800	2628000	0	0	4	750 U		1400 U		360 U		81
2-Methylnaphthalene	UG/KG	260	100.00%	36400		0	4	4	220 J		76 J		260 J		9.8
2-Methylphenol	UG/KG	0	0.00%	100	26280000	0	0	4	750 U		1400 U		360 U		81
2-Nitroaniline	UG/KG	9.7	25.00%	430	31536	0	1	4	1800 U		3500 U		880 U		9.7
2-Nitrophenol	UG/KG	0	0.00%	330		0	0	4	750 U		1400 U		360 U		81
3,3'-Dichlorobenzidine	UG/KG	0	0.00%		12718	0	0	4	750 U		1400 U		360 U		81
3-Nitroaniline	UG/KG	0	0.00%	500	1576800	0	0	4	1800 U		3500 U		880 U		200
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%			0	0	4	1800 U		3500 U		880 U		200
4-Bromophenyl phenyl ether	UG/KG	0	0.00%		30484800	0	0	4	750 U		1400 U		360 U		81
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240		0	0	4	750 U		1400 U		360 U		81

Table 30-5
SEAD-121E: Semivolatiles/TPH and Lead in Soil vs PRG-IND
Non-Evaluated Sites

2/17/99

SITE	DESCRIPTION	LOC ID	SAMP_ID	QC CODE	SAMP DETH TOP	SAMP DEPTH BOT	MATRIX	SAMP DATE	FREQUENCY OF		TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-121E Bldg. 127 UST Petroleum Release SB121E-1 EB267 SA		SEAD-121E Bldg. 127 UST Petroleum Release SB121E-1 EB256 SA		SEAD-121E Bldg. 127 UST Petroleum Release SB121E-1 EB268 SA		SEAD-121E Bldg. 127 UST Petroleum Release SB121E-2 EB257 SA	
									MAXIMUM	DETECTION						SOIL 17-Mar-98	VALUE	Q	VALUE	Q	VALUE	Q	VALUE
	4-Chloroaniline		UG/KG	0	0.00%		220	2102400	0	0	0	0	4	750 U	1400 U	360 U	81						
	4-Chlorophenyl phenyl ether		UG/KG	7.6	25.00%				0	1	0	4	750 U	1400 U	360 U	7.6							
	4-Methylphenol		UG/KG	0	0.00%		900		0	0	0	4	750 U	1400 U	360 U	81							
	4-Nitroaniline		UG/KG	0	0.00%			1576800	0	0	0	4	1800 U	3500 U	880 U	200							
	4-Nitrophenol		UG/KG	0	0.00%		100	31536000	0	0	0	4	1800 U	3500 U	880 U	200							
	Acenaphthene		UG/KG	230	50.00%		50000		0	2	0	4	750 U	230 J	360 U	7.6							
	Acenaphthylene		UG/KG	120	50.00%		41000		0	2	0	4	750 U	120 J	360 U	6.4							
	Anthracene		UG/KG	630	75.00%		50000	157680000	0	3	0	4	750 U	630 J	37 J	8.6							
	Benzo[a]anthracene		UG/KG	3900	100.00%		224	7840	0	4	0	4	53 J	3900	93 J	17							
	Benzo[a]pyrene		UG/KG	3600	75.00%		61	784	1	3	0	4	750 U	3600	84 J	18							
	Benzo[b]fluoranthene		UG/KG	3300	133.33%		1100	7840	0	4	3	3	180 YJ	3300	160 J	23							
	Benzo[b]fluoranthene		UG/KG	2000	75.00%		50000		0	3	0	4	750 U	2000	81 J	17							
	Benzo[k]fluoranthene		UG/KG	4800	75.00%		1100	78400	0	3	0	4	750 U	4800	110 J	22							
	Bis(2-Chloroethoxy)methane		UG/KG	6.2	25.00%				0	1	0	4	750 U	1400 U	360 U	6.2							
	Bis(2-Chloroethyl)ether		UG/KG	0	0.00%			5203	0	0	0	4	750 U	1400 U	360 U	81							
	Bis(2-Chloroisopropyl)ether		UG/KG	0	0.00%			81760	0	0	0	4	750 U	1400 U	360 U	81							
	Bis(2-Ethylhexyl)phthalate		UG/KG	21	50.00%		50000	408800	0	2	0	4	750 U	1400 U	21 JB	14							
	Butylbenzylphthalate		UG/KG	12	25.00%		50000	105120000	0	1	0	4	750 U	1400 U	360 U	12							
	Carbazole		UG/KG	420	50.00%			286160	0	2	0	4	750 U	420 J	360 U	16							
	Chrysene		UG/KG	4500	100.00%		400	784000	0	4	0	4	110 J	4500	130 J	21							
	Di-n-butylphthalate		UG/KG	8.9	25.00%		8100		0	1	0	4	750 U	1400 U	360 U	8.9							
	Di-n-octylphthalate		UG/KG	16	25.00%		50000	10512000	0	1	0	4	750 U	1400 U	360 U	16							
	Dibenz[a,h]anthracene		UG/KG	890	75.00%		14	784	1	3	0	4	750 U	890 J	36 J	16							
	Dibenzofuran		UG/KG	120	50.00%		6200	2102400	0	2	0	4	750 U	120 J	360 U	8.4							
	Diethyl phthalate		UG/KG	15	25.00%		7100	420480000	0	1	0	4	750 U	1400 U	360 U	15							
	Dimethylphthalate		UG/KG	6.2	25.00%		2000	525600000	0	1	0	4	750 U	1400 U	360 U	6.2							
	Fluoranthene		UG/KG	6800	100.00%		50000	21024000	0	4	0	4	130 J	6800	220 J	31							
	Fluorene		UG/KG	330	50.00%		50000	21024000	0	2	0	4	750 U	330 J	360 U	8.9							
	Hexachlorobenzene		UG/KG	0	0.00%		410	3577	0	0	0	4	750 U	1400 U	360 U	81							
	Hexachlorobutadiene		UG/KG	5.2	25.00%			73374	0	1	0	4	750 U	1400 U	360 U	5.2							
	Hexachlorocyclopentadiene		UG/KG	0	0.00%			3679200	0	0	0	4	750 U	1400 U	360 U	81							
	Hexachloroethane		UG/KG	0	0.00%			408800	0	0	0	4	750 U	1400 U	360 U	81							
	Indeno[1,2,3-cd]pyrene		UG/KG	1900	75.00%		3200	7840	0	3	0	4	750 U	1900	67 J	15							
	Isophorone		UG/KG	0	0.00%		4400		0	0	0	4	750 U	1400 U	360 U	81							
	N-Nitrosodiphenylamine		UG/KG	6.2	25.00%			1168000	0	1	0	4	750 U	1400 U	360 U	6.2							
	N-Nitrosodipropylamine		UG/KG	0	0.00%			818	0	0	0	4	750 U	1400 U	360 U	81							
	Naphthalene		UG/KG	96	100.00%		13000	21024000	0	4	0	4	88 J	96 J	7								
	Nitrobenzene		UG/KG	0	0.00%		200	262800	0	0	0	4	750 U	1400 U	360 U	81							
	Pentachlorophenol		UG/KG	0	0.00%		1000	47693	0	0	0	4	1800 U	3500 U	880 U	200							
	Phenanthrene		UG/KG	4200	100.00%		50000		0	4	0	4	130 J	4200	210 J	21							
	Phenol		UG/KG	0	0.00%		30	315360000	0	0	0	4	750 U	1400 U	360 U	81							
	Pyrene		UG/KG	6800	100.00%		50000	15768000	0	4	0	4	150 J	6800	230 J	23							
	TPH		MG/KG	3780	75.00%				0	3	0	4	3780	172	2800	18.3							
	Lead		MG/KG	92.5	100.00%		24.4		0	4	0	4	67.5	24.2	92.5	16.3							

Table 30-5
SEAD-121E- Semivolatiles/TPH and Lead in Soil vs PRG-IND
Non-Evaluated Sites

2/17/99

SITE

DESCRIPTION

LOC ID
SAMP_ID
QC CODE
SAMP DETH TOP
SAMP DEPTH BOT.
MATRIX
SAMP DATE

PARAMETER	UNIT	Q
Volatiles		
1,1,1-Trichloroethane	UG/KG	U
1,1,2,2-Tetrachloroethane	UG/KG	U
1,1,2-Trichloroethane	UG/KG	U
1,1-Dichloroethane	UG/KG	U
1,1-Dichloroethene	UG/KG	U
1,2-Dichloroethane	UG/KG	U
1,2-Dichloroethene (total)	UG/KG	U
1,2-Dichloropropane	UG/KG	U
Acetone	UG/KG	U
Benzene	UG/KG	U
Bromodichloromethane	UG/KG	U
Bromoform	UG/KG	U
Carbon disulfide	UG/KG	U
Carbon tetrachloride	UG/KG	U
Chlorobenzene	UG/KG	U
Chlorodibromomethane	UG/KG	U
Chloroethane	UG/KG	U
Chloroform	UG/KG	U
Cis-1,3-Dichloropropene	UG/KG	U
Ethyl benzene	UG/KG	U
Methyl bromide	UG/KG	U
Methyl butyl ketone	UG/KG	U
Methyl chloride	UG/KG	U
Methyl ethyl ketone	UG/KG	U
Methyl isobutyl ketone	UG/KG	U
Methylene chloride	UG/KG	U
Styrene	UG/KG	U
Tetrachloroethene	UG/KG	U
Toluene	UG/KG	J
Total Xylenes	UG/KG	U
Trans-1,3-Dichloropropene	UG/KG	U
Trichloroethene	UG/KG	U
Vinyl chloride	UG/KG	U
Semivolatiles		
1,2,4-Trichlorobenzene	UG/KG	U
1,2-Dichlorobenzene	UG/KG	U
1,3-Dichlorobenzene	UG/KG	U
1,4-Dichlorobenzene	UG/KG	U
2,4,5-Trichlorophenol	UG/KG	U
2,4,6-Trichlorophenol	UG/KG	U
2,4-Dichlorophenol	UG/KG	U
2,4-Dimethylphenol	UG/KG	U
2,4-Dinitrophenol	UG/KG	U
2,4-Dinitrotoluene	UG/KG	U
2,6-Dinitrotoluene	UG/KG	U
2-Chloronaphthalene	UG/KG	U
2-Chlorophenol	UG/KG	J
2-Methylnaphthalene	UG/KG	J
2-Methylphenol	UG/KG	U
2-Nitroaniline	UG/KG	J
2-Nitrophenol	UG/KG	U
3,3'-Dichlorobenzidine	UG/KG	U
3-Nitroaniline	UG/KG	U
4,6-Dinitro-2-methylphenol	UG/KG	U
4-Bromophenyl phenyl ether	UG/KG	U
4-Chloro-3-methylphenol	UG/KG	U

Table 30-5
SEAD-121E- Semivolatiles/TPH and Lead in Soil vs PRG-IND
Non-Evaluated Sites

2/17/99

SITE		
DESCRIPTION		
LOC ID		
SAMP_ID		
QC CODE		
SAMP_DEPTH TOP		
SAMP_DEPTH BOT		
MATRIX		
SAMP_DATE		
PARAMETER	UNIT	Q
4-Chloroaniline	UG/KG	U
4-Chlorophenyl phenyl ether	UG/KG	J
4-Methylphenol	UG/KG	U
4-Nitroaniline	UG/KG	U
4-Nitrophenol	UG/KG	U
Acenaphthene	UG/KG	J
Acenaphthylene	UG/KG	J
Anthracene	UG/KG	J
Benzo[a]anthracene	UG/KG	J
Benzo[a]pyrene	UG/KG	J
Benzo[b]fluoranthene	UG/KG	J
Benzo[ghi]perylene	UG/KG	J
Benzo[k]fluoranthene	UG/KG	J
Bis(2-Chloroethoxy)methane	UG/KG	J
Bis(2-Chloroethyl)ether	UG/KG	U
Bis(2-Chloroisopropyl)ether	UG/KG	U
Bis(2-Ethylhexyl)phthalate	UG/KG	JB
Butylbenzylphthalate	UG/KG	J
Carbazole	UG/KG	J
Chrysene	UG/KG	J
Di-n-butylphthalate	UG/KG	J
Di-n-octylphthalate	UG/KG	J
Dibenz[a,h]anthracene	UG/KG	J
Dibenzofuran	UG/KG	J
Diethyl phthalate	UG/KG	JB
Dimethylphthalate	UG/KG	J
Fluoranthene	UG/KG	J
Fluorene	UG/KG	J
Hexachlorobenzene	UG/KG	U
Hexachlorobutadiene	UG/KG	J
Hexachlorocyclopentadiene	UG/KG	U
Hexachloroethane	UG/KG	U
Indeno[1,2,3-cd]pyrene	UG/KG	J
Isophorone	UG/KG	U
N-Nitrosodiphenylamine	UG/KG	J
N-Nitrosodipropylamine	UG/KG	U
Naphthalene	UG/KG	J
Nitrobenzene	UG/KG	U
Pentachlorophenol	UG/KG	U
Phenanthrene	UG/KG	J
Phenol	UG/KG	U
Pyrene	UG/KG	J
TPH	MG/KG	U
Lead	MG/KG	U

SEAD-121F

Building 135 Stained Soil

Table 31-1

Sample Collection Information
SEAD-121F - Building 135 Stained Soil

9 Low Priority EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SURFACE SOIL	SS121F-1	EB273	3/18/98	0.00	0.20	SA	Sample location is in the NW area of Bldg. 135. Severe surface soil staining.
SURFACE SOIL	SS121F-2	EB274	3/18/98	0.00	0.20	SA	Sample location is in the E. central area of Bldg. 135. Severe surface soil staining.
SURFACE SOIL	SS121F-3	EB275	3/18/98	0.00	0.20	SA	Sample location is in the W. central area of Bldg. 135. Severe surface soil staining.

Notes:

SA = Sample

Table 31-2
SEAD-121F - Volatiles in Soil vs NYTAGM
Non Evaluated Sites

2/17/99

SITE								SEAD-121F Bldg. 135 Stained Soil SS121F-1 EB273 SA		SEAD-121F Bldg. 135 Stained Soil SS121F-2 EB274 SA		SEAD-121F Bldg. 135 Stained Soil SS121F-3 EB275 SA		
DESCRIPTION	LOC ID							0		0		0		
SAMP_ID	QC CODE							0.2		0.2		0.2		
SAMP_DEPTH TOP	SAMP_DEPTH BOT							SOIL		SOIL		SOIL		
MATRIX	SAMP_DATE	FREQUENCY OF		NUMBER ABOVE		NUMBER OF		NUMBER OF		18-Mar-98		18-Mar-98		
PARAMETER	UNIT	MAXIMUM	DETECTION	TAGM	PRG	TAGM	DETECTS	ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	UG/KG	0	0.00%	800	18396000	0	0	3	11 U		12 U		11 U	
1,1,2,2-Tetrachloroethane	UG/KG	0	0.00%	600	286160	0	0	3	11 U		12 U		11 U	
1,1,2-Trichloroethane	UG/KG	0	0.00%		100407	0	0	3	11 U		12 U		11 U	
1,1-Dichloroethane	UG/KG	0	0.00%	200	52560000	0	0	3	11 U		12 U		11 U	
1,1-Dichloroethene	UG/KG	0	0.00%	400	9539	0	0	3	11 U		12 U		11 U	
1,2-Dichloroethane	UG/KG	0	0.00%	100	62892	0	0	3	11 U		12 U		11 U	
1,2-Dichloroethene (total)	UG/KG	0	0.00%			0	0	3	11 U		12 U		11 U	
1,2-Dichloropropane	UG/KG	0	0.00%		84165	0	0	3	11 U		12 U		11 U	
Acetone	UG/KG	75	100.00%	200	52560000	0	3	3	44 B		75 B		24 B	
Benzene	UG/KG	0	0.00%	60	197352	0	0	3	11 U		12 U		11 U	
Bromodichloromethane	UG/KG	0	0.00%		92310	0	0	3	11 U		12 U		11 U	
Bromoform	UG/KG	0	0.00%		724456	0	0	3	11 U		12 U		11 U	
Carbon disulfide	UG/KG	0	0.00%	2700	52560000	0	0	3	11 U		12 U		11 U	
Carbon tetrachloride	UG/KG	0	0.00%	600	44025	0	0	3	11 U		12 U		11 U	
Chlorobenzene	UG/KG	0	0.00%	1700	10512000	0	0	3	11 U		12 U		11 U	
Chlorodibromomethane	UG/KG	0	0.00%		68133	0	0	3	11 U		12 U		11 U	
Chloroethane	UG/KG	0	0.00%	1900	210240000	0	0	3	11 U		12 U		11 U	
Chloroform	UG/KG	0	0.00%	300	938230	0	0	3	11 U		12 U		11 U	
Cis-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	3	11 U		12 U		11 U	
Ethyl benzene	UG/KG	0	0.00%	5500	52560000	0	0	3	11 U		12 U		11 U	
Methyl bromide	UG/KG	0	0.00%		751608	0	0	3	11 U		12 U		11 U	
Methyl butyl ketone	UG/KG	0	0.00%			0	0	3	11 U		12 U		11 U	
Methyl chloride	UG/KG	0	0.00%		440246	0	0	3	11 U		12 U		11 U	
Methyl ethyl ketone	UG/KG	0	0.00%	300		0	0	3	11 U		12 U		11 U	
Methyl isobutyl ketone	UG/KG	0	0.00%	1000	42048000	0	0	3	11 U		12 U		11 U	
Methylene chloride	UG/KG	0	0.00%	100	763093	0	0	3	11 U		12 U		11 U	
Styrene	UG/KG	0	0.00%			0	0	3	11 U		12 U		11 U	
Tetrachloroethene	UG/KG	0	0.00%	1400	110062	0	0	3	11 U		12 U		11 U	
Toluene	UG/KG	56	100.00%	1500	105120000	0	3	3	56		56		32	
Total Xylenes	UG/KG	0	0.00%	1200	1051200000	0	0	3	11 U		12 U		11 U	
Trans-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	3	11 U		12 U		11 U	
Trichloroethene	UG/KG	0	0.00%	700	520291	0	0	3	11 U		12 U		11 U	
Vinyl chloride	UG/KG	0	0.00%	200	3012	0	0	3	11 U		12 U		11 U	

Table 31-3
SEAD-121F - Volatiles in Soil vs PRG-IND
Non-Evaluated Sites

2/17/99

SITE								SEAD-121F Bldg 135 Stained Soil SS121F-1 EB273 SA		SEAD-121F Bldg. 135 Stained Soil SS121F-2 EB274 SA		SEAD-121F Bldg 135 Stained Soil SS121F-3 EB275 SA		
DESCRIPTION	LOC ID								0	0	0			
SAMP_ID	QC CODE								0.2	0.2	0.2			
SAMP_DEPTH TOP	SAMP_DEPTH BOT													
MATRIX	SAMP DATE								SOIL	SOIL	SOIL			
									18-Mar-98	18-Mar-98	18-Mar-98			
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	UG/KG	0	0.00%	800	18396000	0	0	3	11 U		12 U		11 U	
1,1,2,2-Tetrachloroethane	UG/KG	0	0.00%	600	286160	0	0	3	11 U		12 U		11 U	
1,1,2-Trichloroethane	UG/KG	0	0.00%		100407	0	0	3	11 U		12 U		11 U	
1,1-Dichloroethane	UG/KG	0	0.00%	200	52560000	0	0	3	11 U		12 U		11 U	
1,1-Dichloroethene	UG/KG	0	0.00%	400	9539	0	0	3	11 U		12 U		11 U	
1,2-Dichloroethane	UG/KG	0	0.00%	100	62892	0	0	3	11 U		12 U		11 U	
1,2-Dichloroethene (total)	UG/KG	0	0.00%			0	0	3	11 U		12 U		11 U	
1,2-Dichloropropane	UG/KG	0	0.00%		84165	0	0	3	11 U		12 U		11 U	
Acetone	UG/KG	75	100.00%	200	52560000	0	3	3	44 B		75 B		24 B	
Benzene	UG/KG	0	0.00%	60	197352	0	0	3	11 U		12 U		11 U	
Bromodichloromethane	UG/KG	0	0.00%		92310	0	0	3	11 U		12 U		11 U	
Bromoform	UG/KG	0	0.00%		724456	0	0	3	11 U		12 U		11 U	
Carbon disulfide	UG/KG	0	0.00%	2700	52560000	0	0	3	11 U		12 U		11 U	
Carbon tetrachloride	UG/KG	0	0.00%	600	44025	0	0	3	11 U		12 U		11 U	
Chlorobenzene	UG/KG	0	0.00%	1700	10512000	0	0	3	11 U		12 U		11 U	
Chlorodibromomethane	UG/KG	0	0.00%		68133	0	0	3	11 U		12 U		11 U	
Chloroethane	UG/KG	0	0.00%	1900	210240000	0	0	3	11 U		12 U		11 U	
Chloroform	UG/KG	0	0.00%	300	938230	0	0	3	11 U		12 U		11 U	
Cis-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	3	11 U		12 U		11 U	
Ethyl benzene	UG/KG	0	0.00%	5500	52560000	0	0	3	11 U		12 U		11 U	
Methyl bromide	UG/KG	0	0.00%		751608	0	0	3	11 U		12 U		11 U	
Methyl butyl ketone	UG/KG	0	0.00%			0	0	3	11 U		12 U		11 U	
Methyl chloride	UG/KG	0	0.00%		440246	0	0	3	11 U		12 U		11 U	
Methyl ethyl ketone	UG/KG	0	0.00%	300		0	0	3	11 U		12 U		11 U	
Methyl isobutyl ketone	UG/KG	0	0.00%	1000	42048000	0	0	3	11 U		12 U		11 U	
Methylene chloride	UG/KG	0	0.00%	100	763093	0	0	3	11 U		12 U		11 U	
Styrene	UG/KG	0	0.00%			0	0	3	11 U		12 U		11 U	
Tetrachloroethene	UG/KG	0	0.00%	1400	110062	0	0	3	11 U		12 U		11 U	
Toluene	UG/KG	56	100.00%	1500	105120000	0	3	3	56		56		32	
Total Xylenes	UG/KG	0	0.00%	1200	1051200000	0	0	3	11 U		12 U		11 U	
Trans-1,3-Dichloropropene	UG/KG	0	0.00%			0	0	3	11 U		12 U		11 U	
Trichloroethene	UG/KG	0	0.00%	700	520291	0	0	3	11 U		12 U		11 U	
Vinyl chloride	UG/KG	0	0.00%	200	3012	0	0	3	11 U		12 U		11 U	

Table 31-4
SEAD-121F - Semivolatiles/TPH and Lead in Soil vs. NYTAGM
Non-Evaluated Sites

2/17/99

SITE	DESCRIPTION	LOC ID	SAMP_ID:	QC CODE:	SAMP. DETH TOP:	SAMP DEPTH BOT:	MATRIX:	SAMP. DATE:	SEAD-121F		SEAD-121F		SEAD-121F	
									Bldg. 135	Stained Soil	Bldg. 135	Stained Soil	Bldg. 135	Stained Soil
									0	0	0	0	0	0
									0.2	0.2	0.2	0.2	0.2	0.2
									SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
									18-Mar-98	18-Mar-98	18-Mar-98	18-Mar-98	18-Mar-98	18-Mar-98
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	5256000	0	0	3	75 U		69 U		72 U	
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	47304000	0	0	3	75 U		69 U		72 U	
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	46778400	0	0	3	75 U		69 U		72 U	
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	238467	0	0	3	75 U		69 U		72 U	
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	52560000	0	0	3	180 U		170 U		180 U	
2,4,6-Trichlorophenol	UG/KG	0	0.00%		520291	0	0	3	75 U		69 U		72 U	
2,4-Dichlorophenol	UG/KG	0	0.00%	400	1576800	0	0	3	75 U		69 U		72 U	
2,4-Dimethylphenol	UG/KG	0	0.00%		10512000	0	0	3	75 U		69 U		72 U	
2,4-Dinitrophenol	UG/KG	0	0.00%	200	1051200	0	0	3	180 U		170 U		180 U	
2,4-Dinitrotoluene	UG/KG	0	0.00%		1051200	0	0	3	75 U		69 U		72 U	
2,6-Dinitrotoluene	UG/KG	0	0.00%	1000	525600	0	0	3	75 U		69 U		72 U	
2-Chloronaphthalene	UG/KG	0	0.00%			0	0	3	75 U		69 U		72 U	
2-Chlorophenol	UG/KG	0	0.00%	800	2628000	0	0	3	75 U		69 U		72 U	
2-Methylnaphthalene	UG/KG	36	100.00%	36400		0	3	3	17 J		13 J		36 J	
2-Methylphenol	UG/KG	0	0.00%	100	26280000	0	0	3	75 U		69 U		72 U	
2-Nitroaniline	UG/KG	0	0.00%	430	31536	0	0	3	180 U		170 U		180 U	
2-Nitrophenol	UG/KG	0	0.00%	330		0	0	3	75 U		69 U		72 U	
3,3'-Dichlorobenzidine	UG/KG	0	0.00%		12718	0	0	3	75 U		69 U		72 U	
3-Nitroaniline	UG/KG	0	0.00%	500	1576800	0	0	3	180 U		170 U		180 U	
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%			0	0	3	180 U		170 U		180 U	
4-Bromophenyl phenyl ether	UG/KG	0	0.00%		30484800	0	0	3	75 U		69 U		72 U	
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240		0	0	3	75 U		69 U		72 U	
4-Chloroaniline	UG/KG	0	0.00%	220	2102400	0	0	3	75 U		69 U		72 U	
4-Chlorophenyl phenyl ether	UG/KG	0	0.00%			0	0	3	75 U		69 U		72 U	
4-Methylphenol	UG/KG	0	0.00%	900		0	0	3	75 U		69 U		72 U	
4-Nitroaniline	UG/KG	0	0.00%		1576800	0	0	3	180 U		170 U		180 U	
4-Nitrophenol	UG/KG	0	0.00%	100	31536000	0	0	3	180 U		170 U		180 U	
Acenaphthene	UG/KG	7.4	66.67%	50000		0	2	3	7.4 J		69 U		6.4 J	
Acenaphthylene	UG/KG	0	0.00%	41000		0	0	3	75 U		69 U		72 U	
Anthracene	UG/KG	13	66.67%	50000	157680000	0	2	3	13 J		69 U		13 J	
Benzo[a]anthracene	UG/KG	88	100.00%	224	7840	0	3	3	58 J		14 J		68 J	
Benzo[a]pyrene	UG/KG	71	100.00%	61	784	1	3	3	58 J		19 J		71 J	
Benzo[b]fluoranthene	UG/KG	110	100.00%	1100	7840	0	3	3	100		21 J		110	
Benzo[ghi]perylene	UG/KG	60	100.00%	50000		0	3	3	60 J		30 J		58 J	
Benzo[k]fluoranthene	UG/KG	72	100.00%	1100	78400	0	3	3	59 J		16 J		72 J	
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%			0	0	3	75 U		69 U		72 U	
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%		5203	0	0	3	75 U		69 U		72 U	
Bis(2-Chloroisopropyl)ether	UG/KG	0	0.00%		81760	0	0	3	75 U		69 U		72 U	
Bis(2-Ethylhexyl)phthalate	UG/KG	43	100.00%	50000	408800	0	3	3	43 JB		13 JB		35 JB	
Butylbenzylphthalate	UG/KG	22	66.67%	50000	105120000	0	2	3	21 J		69 U		9.9 J	
Carbazole	UG/KG	21	66.67%		286160	0	2	3	21 J		69 U		15 J	
Chrysene	UG/KG	94	100.00%	400	784000	0	3	3	82		21 J		94	
Di-n-butylphthalate	UG/KG	8.1	100.00%	8100		0	3	3	8.1 J		4.8 J		4.6 J	
Di-n-octylphthalate	UG/KG	7.5	33.33%	50000	10512000	0	1	3	7.5 J		69 U		72 U	
Dibenz[a,h]anthracene	UG/KG	23	66.67%	14	784	2	2	3	18 J		69 U		18 J	
Dibenzofuran	UG/KG	10	66.67%	6200	2102400	0	2	3	10 J		69 U		9 J	
Diethyl phthalate	UG/KG	12	66.67%	7100	420480000	0	2	3	12 J		8.5 J		72 U	
Dimethylphthalate	UG/KG	0	0.00%	2000	525600000	0	0	3	75 U		69 U		72 U	
Fluoranthene	UG/KG	140	100.00%	50000	21024000	0	3	3	130		24 J		140	
Fluorene	UG/KG	9.2	33.33%	50000	21024000	0	1	3	9.2 J		69 U		72 U	
Hexachlorobenzene	UG/KG	0	0.00%	410	3577	0	0	3	75 U		69 U		72 U	
Hexachlorobutadiene	UG/KG	0	0.00%		73374	0	0	3	75 U		69 U		72 U	
Hexachlorocyclopentadiene	UG/KG	0	0.00%		3679200	0	0	3	75 U		69 U		72 U	

Table 31-4
SEAD-121F - Semivolatiles/TPH and Lead in Soil vs NYTAGM
Non-Evaluated Sites

SITE						SEAD-121F		SEAD-121F		SEAD-121F	
DESCRIPTION						Bldg 135		Bldg 135		Bldg 135	
LOC ID						Stained Soil		Stained Soil		Stained Soil	
SAMP_ID						SS121F-1		SS121F-2		SS121F-3	
QC CODE						EB273		EB274		EB275	
SAMP_DEPTH TOP						SA		SA		SA	
SAMP_DEPTH BOT						0		0		0	
MATRIX						0.2		0.2		0.2	
SAMP DATE						SOIL		SOIL		SOIL	
		FREQUENCY				18-Mar-98		18-Mar-98		18-Mar-98	
		OF									
PARAMETER		DETECTION		TAGM		NUMBER		NUMBER		NUMBER	
UNIT		MAXIMUM		PRG		ABOVE		OF		OF	
						TAGM		DETECTS		ANALYSES	
								VALUE		VALUE	
								Q		Q	
Hexachloroethane	UG/KG	0	0.00%		408800	0	0	3	75 U	69 U	72 U
Indeno[1,2,3-cd]pyrene	UG/KG	53	100.00%	3200	7840	0	3	3	53 J	17 J	48 J
Isophorone	UG/KG	91	66.67%	4400		0	2	3	91	69 U	27 J
N-Nitrosodiphenylamine	UG/KG	6.2	33.33%		1168000	0	1	3	6.2 J	69 U	72 U
N-Nitrosodipropylamine	UG/KG	0	0.00%		818	0	0	3	75 U	69 U	72 U
Naphthalene	UG/KG	14	100.00%	13000	21024000	0	3	3	10 J	9 J	14 J
Nitrobenzene	UG/KG	0	0.00%	200	262800	0	0	3	75 U	69 U	72 U
Pentachlorophenol	UG/KG	0	0.00%	1000	47693	0	0	3	180 U	170 U	180 U
Phenanthrene	UG/KG	93	100.00%	50000		0	3	3	75	21 J	93
Phenol	UG/KG	0	0.00%	30	315360000	0	0	3	75 U	69 U	72 U
Pyrene	UG/KG	230	100.00%	50000	15768000	0	3	3	150	61 J	230
TPH	MG/KG	419	100.00%			0	3	3	395	419	290
Lead	MG/KG	31.8	100.00%	24.4		1	3	3	31.8	11.1	24.3

Table 31-5
SEAD-121F - Semivolatiles/TPH and Lead in Soil vs PRG-IND
Non-Evaluated Sites

2/17/99

SITE		SEAD-121F		SEAD-121F		SEAD-121F								
DESCRIPTION		Bldg 135		Bldg 135		Bldg 135								
LOC ID		Stained Soil		Stained Soil		Stained Soil								
SAMP_ID		SS121F-1		SS121F-2		SS121F-3								
QC CODE		EB273		EB274		EB275								
SAMP_DEPTH TOP		SA		SA		SA								
SAMP_DEPTH BOT		0		0		0								
MATRIX		0 2		0 2		0 2								
SAMP_DATE		SOIL		SOIL		SOIL								
		18-Mar-98		18-Mar-98		18-Mar-98								
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	5256000	0	0	3	75 U		69 U		72 U	
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	47304000	0	0	3	75 U		69 U		72 U	
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	46778400	0	0	3	75 U		69 U		72 U	
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	238467	0	0	3	75 U		69 U		72 U	
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	52560000	0	0	3	180 U		170 U		180 U	
2,4,6-Trichlorophenol	UG/KG	0	0.00%		520291	0	0	3	75 U		69 U		72 U	
2,4-Dichlorophenol	UG/KG	0	0.00%	400	1576800	0	0	3	75 U		69 U		72 U	
2,4-Dimethylphenol	UG/KG	0	0.00%		10512000	0	0	3	75 U		69 U		72 U	
2,4-Dinitrophenol	UG/KG	0	0.00%	200	1051200	0	0	3	180 U		170 U		180 U	
2,4-Dinitrotoluene	UG/KG	0	0.00%		1051200	0	0	3	75 U		69 U		72 U	
2,6-Dinitrotoluene	UG/KG	0	0.00%	1000	525600	0	0	3	75 U		69 U		72 U	
2-Chloronaphthalene	UG/KG	0	0.00%			0	0	3	75 U		69 U		72 U	
2-Chlorophenol	UG/KG	0	0.00%	800	2628000	0	0	3	75 U		69 U		72 U	
2-Methylnaphthalene	UG/KG	36	100.00%	36400		0	3	3	17 J		13 J		36 J	
2-Methylphenol	UG/KG	0	0.00%	100	26280000	0	0	3	75 U		69 U		72 U	
2-Nitroaniline	UG/KG	0	0.00%	430	31536	0	0	3	180 U		170 U		180 U	
2-Nitrophenol	UG/KG	0	0.00%	330		0	0	3	75 U		69 U		72 U	
3,3'-Dichlorobenzidine	UG/KG	0	0.00%		12718	0	0	3	75 U		69 U		72 U	
3-Nitroaniline	UG/KG	0	0.00%	500	1576800	0	0	3	180 U		170 U		180 U	
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%			0	0	3	180 U		170 U		180 U	
4-Bromophenyl phenyl ether	UG/KG	0	0.00%		30484800	0	0	3	75 U		69 U		72 U	
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240		0	0	3	75 U		69 U		72 U	
4-Chloroaniline	UG/KG	0	0.00%	220	2102400	0	0	3	75 U		69 U		72 U	
4-Chlorophenyl phenyl ether	UG/KG	0	0.00%			0	0	3	75 U		69 U		72 U	
4-Methylphenol	UG/KG	0	0.00%	900		0	0	3	75 U		69 U		72 U	
4-Nitroaniline	UG/KG	0	0.00%		1576800	0	0	3	180 U		170 U		180 U	
4-Nitrophenol	UG/KG	0	0.00%	100	31536000	0	0	3	180 U		170 U		180 U	
Acenaphthene	UG/KG	7.4	66.67%	50000		0	2	3	7.4 J		69 U		6.4 J	
Acenaphthylene	UG/KG	0	0.00%	41000		0	0	3	75 U		69 U		72 U	
Anthracene	UG/KG	13	66.67%	50000	157680000	0	2	3	13 J		69 U		13 J	
Benzo[a]anthracene	UG/KG	68	100.00%	224	7840	0	3	3	56 J		14 J		68 J	
Benzo[a]pyrene	UG/KG	71	100.00%	61	784	0	3	3	58 J		19 J		71 J	
Benzo[b]fluoranthene	UG/KG	110	100.00%	1100	7840	0	3	3	100		21 J		110	
Benzo[ghi]perylene	UG/KG	60	100.00%	50000		0	3	3	60 J		30 J		58 J	
Benzo[k]fluoranthene	UG/KG	72	100.00%	1100	78400	0	3	3	59 J		16 J		72 J	
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%			0	0	3	75 U		69 U		72 U	
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%		5203	0	0	3	75 U		69 U		72 U	
Bis(2-Chloroisopropyl)ether	UG/KG	0	0.00%		81760	0	0	3	75 U		69 U		72 U	
Bis(2-Ethylhexyl)phthalate	UG/KG	43	100.00%	50000	408800	0	3	3	43 JB		13 JB		35 JB	
Butylbenzylphthalate	UG/KG	22	66.67%	50000	105120000	0	2	3	22 J		69 U		9.9 J	
Carbazole	UG/KG	21	66.67%		286160	0	2	3	21 J		69 U		15 J	
Chrysene	UG/KG	94	100.00%	400	784000	0	3	3	82		21 J		94	
Di-n-butylphthalate	UG/KG	8.1	100.00%	8100		0	3	3	8.1 J		4.8 J		4.6 J	
Di-n-octylphthalate	UG/KG	7.5	33.33%	50000	10512000	0	1	3	7.5 J		69 U		72 U	
Dibenz[a,h]anthracene	UG/KG	23	66.67%	14	784	0	2	3	23 J		69 U		18 J	
Dibenzofuran	UG/KG	10	66.67%	6200	2102400	0	2	3	10 J		69 U		9 J	
Diethyl phthalate	UG/KG	12	66.67%	7100	420480000	0	2	3	12 J		8.5 J		72 U	
Dimethylphthalate	UG/KG	0	0.00%	2000	5256000000	0	0	3	75 U		69 U		72 U	
Fluoranthene	UG/KG	140	100.00%	50000	21024000	0	3	3	130		24 J		140	
Fluorene	UG/KG	9.2	33.33%	50000	21024000	0	1	3	9.2 J		69 U		72 U	
Hexachlorobenzene	UG/KG	0	0.00%	410	3577	0	0	3	75 U		69 U		72 U	
Hexachlorobutadiene	UG/KG	0	0.00%		73374	0	0	3	75 U		69 U		72 U	
Hexachlorocyclopentadiene	UG/KG	0	0.00%		3679200	0	0	3	75 U		69 U		72 U	
Hexachloroethane	UG/KG	0	0.00%		408800	0	0	3	75 U		69 U		72 U	
Indeno[1,2,3-cd]pyrene	UG/KG	53	100.00%	3200	7840	0	3	3	53 J		17 J		48 J	
Isophorone	UG/KG	91	66.67%	4400		0	2	3	91		69 U		27 J	
N-Nitrosodiphenylamine	UG/KG	6.2	33.33%		1168000	0	1	3	6.2 J		69 U		72 U	

Table 31-5
SEAD-121F - Semivolatiles/TPH and Lead in Soil vs. PRG-IND
Non-Evaluated Sites

SITE		SEAD-121F Bldg 135 Stained Soil SS121F-1 EB273 SA		SEAD-121F Bldg 135 Stained Soil SS121F-2 EB274 SA		SEAD-121F Bldg 135 Stained Soil SS121F-3 EB275 SA								
DESCRIPTION	LOC ID	0		0		0								
SAMP_ID	QC CODE	0 2		0 2		0 2								
SAMP_DETH TOP	SAMP_DEPTH BOT	SOIL		SOIL		SOIL								
MATRIX	SAMP_DATE	18-Mar-98		18-Mar-98		18-Mar-98								
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	PRG	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q
N-Nitrosodipropylamine	UG/KG	0	0.00%		818	0	0	3	75 U		69 U		72 U	
Naphthalene	UG/KG	14	100.00%	13000	21024000	0	3	3	10 J		9 J		14 J	
Nitrobenzene	UG/KG	0	0.00%	200	262800	0	0	3	75 U		69 U		72 U	
Pentachlorophenol	UG/KG	0	0.00%	1000	47693	0	0	3	180 U		170 U		180 U	
Phenanthrene	UG/KG	93	100.00%	50000		0	3	3	75		21 J		93	
Phenol	UG/KG	0	0.00%	30	315360000	0	0	3	75 U		69 U		72 U	
Pyrene	UG/KG	230	100.00%	50000	15768000	0	3	3	150		61 J		230	
TPH	MG/KG	419	100.00%			0	3	3	395		419		290	
Lead	MG/KG	31.8	100.00%	24.4		0	3	3	31.8		11.1		24.3	

SEAD-121G

Rumored Coal Ash Disposal Area

Table 32-1

Sample Collection Information
SEAD-121G - Rumored Coal Ash Disposal Area

9 Low Priority EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	SB121G-1	EB214	3/7/98	0.00	0.20	SA	Location is on E. edge of rumored ash disposal area. Location recommended by SEDA personal. Surface soil sample.
SOIL	SB121G-1	EB215	3/7/98	0.58	1.20	SA	Same area as above. Sample interval contained ash.
SOIL	SB121G-2	EB216	3/7/98	0.00	0.20	SA	Location in central area of rumored ash disposal area. Surface soil sample.
SOIL	SB121G-2	EB217	3/7/98	0.75	1.10	SA	Same area as above. Sample interval contained ash.

SA = Sample

Table 32.3
SEAD-121G - Semivolatiles in Soil vs PRG_RES
Non Evaluated Sites

2/17/99

SITE DESCRIPTION LOC ID SAMP_ID OC CODE SAMP DEPTH TOP SAMP DEPTH BOT MATRIX SAMP DATE	UNIT	FREQUENCY OF				NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-121G Rumored Coal SB121G-1 EB214 SA		SEAD-121G Rumored Coal SB121G-1 EB215 SA		SEAD-121G Rumored Coal SB121G-2 EB216 SA		SEAD-121G Rumored Coal SB121G-2 EB217 SA	
		MAXIMUM	DETECTION	NYSDEC TAGM 4046	PRG-RES				VALUE	O	VALUE	Q	VALUE	O	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	10528846	0	0	4	76 U		85 U	150 U	80 U			
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	94759615	0	0	4	76 U		85 U	150 U	80 U			
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	93706731	0	0	4	76 U		85 U	150 U	80 U			
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	2866186	0	0	4	76 U		85 U	150 U	80 U			
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	105288462	0	0	4	180 U		200 U	360 U	200 U			
2,4,6-Trichlorophenol	UG/KG	0	0.00%		6253497	0	0	4	76 U		85 U	150 U	80 U			
2,4-Dichlorophenol	UG/KG	0	0.00%	400	3158654	0	0	4	76 U		85 U	150 U	80 U			
2,4-Dimethylphenol	UG/KG	0	0.00%		21057692	0	0	4	76 U		85 U	150 U	80 U			
2,4-Dinitrophenol	UG/KG	0	0.00%	200	2105769	0	0	4	180 U		200 U	360 U	200 U			
2,4-Dinitrotoluene	UG/KG	0	0.00%		2105769	0	0	4	76 U		85 U	150 U	80 U			
2,6-Dinitrotoluene	UG/KG	0	0.00%	1000	1052885	0	0	4	76 U		85 U	150 U	80 U			
2-Chloronaphthalene	UG/KG	0	0.00%			0	0	4	76 U		85 U	150 U	80 U			
2-Chlorophenol	UG/KG	0	0.00%	800	5264423	0	0	4	76 U		85 U	150 U	80 U			
2-Methylnaphthalene	UG/KG	9.6	25.00%	36400		0	1	4	76 U		85 U	9.6 J	80 U			
2-Methylphenol	UG/KG	0	0.00%	100	52644231	0	0	4	76 U		85 U	150 U	80 U			
2-Nitroaniline	UG/KG	0	0.00%	430	63173	0	0	4	180 U		200 U	360 U	200 U			
2-Nitrophenol	UG/KG	0	0.00%	330		0	0	4	76 U		85 U	150 U	80 U			
3,3-Dichlorobenzidine	UG/KG	0	0.00%		152863	0	0	4	76 U		85 U	150 U	80 U			
3-Nitroaniline	UG/KG	0	0.00%	500	3158654	0	0	4	180 U		200 U	360 U	200 U			
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%			0	0	4	180 U		200 U	200 U	200 U			
4-Bromophenyl phenyl ether	UG/KG	0	0.00%		61067308	0	0	4	76 U		85 U	150 U	80 U			
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240		0	0	4	76 U		85 U	150 U	80 U			
4-Chloroaniline	UG/KG	0	0.00%	220	4211538	0	0	4	76 U		85 U	150 U	80 U			
4-Chlorophenyl phenyl ether	UG/KG	0	0.00%			0	0	4	76 U		85 U	150 U	80 U			
4-Methylphenol	UG/KG	0	0.00%	900		0	0	4	76 U		85 U	150 U	80 U			
4-Nitroaniline	UG/KG	0	0.00%		3158654	0	0	4	180 U		200 U	360 U	200 U			
4-Nitrophenol	UG/KG	0	0.00%	100	63173077	0	0	4	180 U		200 U	360 U	200 U			
Acenaphthene	UG/KG	63	25.00%	50000		0	1	4	76 U		85 U	63 J	80 U			
Acenaphthylene	UG/KG	15	25.00%	41000		0	1	4	76 U		85 U	15 J	80 U			
Anthracene	UG/KG	360	75.00%	50000	315865385	0	3	4	7.7 J		4.8 J	360	80 U			
Benzo[a]anthracene	UG/KG	1800	100.00%	224	94231	0	4	4	54 J		24 J	1800 E	26 J			
Benzo[a]pyrene	UG/KG	1500	100.00%	61	9423	0	4	4	54 J		25 J	1500 E	26 J			
Benzo[b]fluoranthene	UG/KG	1400	100.00%	1100	94231	0	4	4	69 J		25 J	1400 E	37 J			
Benzo[g]hperylene	UG/KG	830	100.00%	50000		0	4	4	39 J		19 J	830	22 J			
Benzo[k]fluoranthene	UG/KG	1400	100.00%	1100	942308	0	4	4	57 J		25 J	1400 E	29 J			
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%			0	0	4	76 U		85 U	150 U	80 U			
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%		62535	0	0	4	76 U		85 U	150 U	80 U			
Bis(2-Chloroisopropyl)ether	UG/KG	0	0.00%		982692	0	0	4	76 U		85 U	150 U	80 U			
Bis(2-Ethylhexyl)phthalate	UG/KG	15	50.00%	50000	4913462	0	2	4	76 U		12 JB	150 U	15 JB			
Butylbenzylphthalate	UG/KG	0	0.00%	50000	210576923	0	0	4	76 U		85 U	150 U	80 U			
Carbazole	UG/KG	100	50.00%		3439423	0	2	4	6.9 J		85 U	100 J	80 U			
Chrysene	UG/KG	1600	100.00%	400	9423077	0	4	4	74 J		28 J	1600 E	34 J			
Di-n-butylphthalate	UG/KG	4.5	50.00%	8100		0	2	4	4 J		85 U	150 U	4.5 J			
Di-n-octylphthalate	UG/KG	33	75.00%	50000	21057692	0	3	4	4.9 J		13 J	150 U	33 J			
Dibenz[a,h]anthracene	UG/KG	430	100.00%	14	9423	0	4	4	17 J		12 J	430	12 J			
Dibenzofuran	UG/KG	32	25.00%	6200	4211538	0	1	4	76 U		85 U	32 J	80 U			
Diethyl phthalate	UG/KG	17	100.00%	7100	842307692	0	4	4	11 J		17 J	9.3 J	7.7 J			
Dimethylphthalate	UG/KG	0	0.00%	2000	10528846150	0	0	4	76 U		85 U	150 U	80 U			
Fluoranthene	UG/KG	3700	100.00%	50000	42115385	0	4	4	140		50 J	3700 E	52 J			
Fluorene	UG/KG	82	50.00%	50000	42115385	0	2	4	6.4 J		85 U	82 J	80 U			
Hexachlorobenzene	UG/KG	0	0.00%	410	42993	0	0	4	76 U		85 U	150 U	80 U			
Hexachlorobutadiene	UG/KG	0	0.00%		210577	0	0	4	76 U		85 U	150 U	80 U			
Hexachlorocyclopentadiene	UG/KG	0	0.00%		7370192	0	0	4	76 U		85 U	150 U	80 U			
Hexachloroethane	UG/KG	0	0.00%		1052885	0	0	4	76 U		85 U	150 U	80 U			
Indeno[1,2,3-cd]pyrene	UG/KG	880	100.00%	3200	94231	0	4	4	42 J		18 J	880	20 J			
Isophorone	UG/KG	0	0.00%	4400		0	0	4	76 U		85 U	150 U	80 U			
N-Nitrosodiphenylamine	UG/KG	0	0.00%		14038462	0	0	4	76 U		85 U	150 U	80 U			
N-Nitrosodipropylamine	UG/KG	0	0.00%		9827	0	0	4	76 U		85 U	150 U	80 U			
Naphthalene	UG/KG	12	25.00%	13000	42115385	0	1	4	76 U		85 U	12 J	80 U			
Nitrobenzene	UG/KG	0	0.00%	200	526442	0	0	4	76 U		85 U	150 U	80 U			
Pentachlorophenol	UG/KG	0	0.00%	1000	573237	0	0	4	180 U		200 U	360 U	200 U			
Phenanthrene	UG/KG	1500	100.00%	50000		0	4	4	83		25 J	1500 E	31 J			
Phenol	UG/KG	0	0.00%	30	631730769	0	0	4	76 U		85 U	150 U	80 U			
Pyrene	UG/KG	3200	100.00%	50000	31586538	0	4	4	120		51 J	3200 E	61 J			

Table 32-4
SEAD-121G Metals in Soil vs. NYTAGM
Non-Evaluated Sites

SITE	DESCRIPTION	LOC ID	SAMP ID	QC CODE	SAMP DEPTH TOP	SAMP DEPTH BOT	MATRIX	SAMP DATE	SEAD-121G Remored Coal Ash Disposal Area		SEAD-121G Remored Coal Ash Disposal Area		SEAD-121G Remored Coal Ash Disposal Area		SEAD-121G Remored Coal Ash Disposal Area		
									SB121G-1 EB214 SA	0 0.2 SOIL	SB121G-1 EB215 SA	0.58 1.2 SOIL	SB121G-2 EB216 SA	0 0.2 SOIL	SB121G-2 EB217 SA	0.75 1.1 SOIL	
PARAMETER	UNIT	MAXIMUM	DETECTION	NYSDEC TAGM 4046	PRG RES	1052985	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Aluminum	MG/KG	11500	100.00%	19520		1052985	0	4	4	10900	Q	832		11500		8660	
Antimony	MG/KG	0.9	100.00%	6		421	0	2	2	0.8 UN		0.87 UN		0.72 BN		0.9 BN	
Arsenic	MG/KG	4.8	75.00%	9.9		46	0	3	4	4.1		0.9 U		4.3		4.8	
Barium	MG/KG	82	100.00%	300		73702	0	4	4	81.4		17 B		82		68.4	
Beryllium	MG/KG	0.46	100.00%	1.13		16	0	4	4	0.42 B		0.09 B		0.46 B		0.34 B	
Cadmium	MG/KG	0	0.00%	2.46		526	0	0	4	0.07 U*		0.07 U*		0.06 U*		0.07 U*	
Calcium	MG/KG	44800	100.00%	125300			0	4	4	44800		801 B		23600		8950	
Chromium	MG/KG	17.8	133.33%	30		1052885	0	4	3	15.9 *		1.1 B*		17.8 *		17.8 *	
Cobalt	MG/KG	8	100.00%	30		63173	0	4	4	7.3 B		0.87 B		8 B		6 B	
Copper	MG/KG	21.4	100.00%	33		42115	0	4	4	19.3 *		6.6 *		21.4 *		19.2 *	
Cyanide	MG/KG	0	0.00%	0.35			0	0	4	0.63 U		0.66 U		0.67 U		0.64 U	
Iron	MG/KG	20100	100.00%	37410		315865	0	4	4	17100		780		20100		13500	
Lead	MG/KG	45.9	100.00%	24.4			2	4	4	38.8		1.4		45.9		20.9	
Magnesium	MG/KG	5810	133.33%	21700			0	4	3	4880 *		109 B*		5810 *		3210 *	
Manganese	MG/KG	378	100.00%	1100		24216	0	4	4	354		31.5		378		284	
Mercury	MG/KG	0.06	50.00%	0.1		316	0	2	4	0.06 B		0.05 U		0.06 B		0.05 U	
Nickel	MG/KG	23	133.33%	50		21058	0	3	3	20.5 E*		2.5 BE*		23 E*		18.7 E*	
Potassium	MG/KG	1900	100.00%	2623			0	4	4	1900		157 B		1470		1130 B	
Selenium	MG/KG	0	0.00%	2		5264	0	0	4	1.1 UN		1.2 UN		0.92 UN		1.1 UN	
Silver	MG/KG	0	0.00%	0.8		5264	0	0	4	0.48 U		0.52 U		0.41 U		0.5 U	
Sodium	MG/KG	0	0.00%	188			0	0	4	139 U		152 U		119 U		144 U	
Thallium	MG/KG	1.6	25.00%	0.855		84	1	1	4	1.4 U		1.6 U		1.2 U		1.6 B	
Vanadium	MG/KG	20.6	100.00%	150		7370	0	4	4	19.5 E		3.2 BE		20.6 E		16.2 E	
Zinc	MG/KG	79.9	100.00%	115		315865	0	4	4	74.2		5.4		79.9		50.2	

Table 32-5
SEAD 121G Metals in Soil vs PRG_RES
Non-Evaluated Sites

2/17/99

SITE DESCRIPTION LOC ID SAMP_ID QC CODE SAMP DETH TOP SAMP DEPTH BOT MATRIX SAMP DATE	PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYSDEC TAGM 4046	PRG RES	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-121G Rumored Coal SB121G-1 EB214 SA		SEAD-121G Rumored Coal SB121G-1 EB215 SA		SEAD-121G Rumored Coal SB121G-2 EB216 SA		SEAD-121G Rumored Coal SB121G-2 EB217 SA	
										VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
										10900	832	11500	8660				
	Aluminum	MG/KG	11500	100.00%	19520	1052885	0	4	4	0.8 UN	0.87 UN	0.72 BN	0.9 BN				
	Antimony	MG/KG	0.9	100.00%	6	421	0	2	2	4.1	0.9 U	4.3	4.8				
	Arsenic	MG/KG	4.8	75.00%	8.9	46	0	3	4	81.4	17 B	82	68.4				
	Barium	MG/KG	82	100.00%	300	73702	0	4	4	0.42 B	0.08 B	0.46 B	0.34 B				
	Beryllium	MG/KG	0.46	100.00%	1.13	16	0	4	4	0.07 U*	0.07 U*	0.06 U*	0.07 U*				
	Cadmium	MG/KG	0	0.00%	2.46	526	0	0	4	44800	801 B	23600	8950				
	Calcium	MG/KG	44800	100.00%	125300		0	4	4	15.9 *	1.1 B*	17.8 *	12.8 *				
	Chromium	MG/KG	17.8	133.33%	30	1052885	0	4	3	7.3 B	0.87 B	8 B	6 B				
	Cobalt	MG/KG	8	100.00%	30	63173	0	4	4	19.3 *	6.6 *	21.4 *	19.2 *				
	Copper	MG/KG	21.4	100.00%	33	42115	0	4	4	0.63 U	0.66 U	0.67 U	0.64 U				
	Cyanide	MG/KG	0	0.00%	0.35		0	0	4	17100	780	20100	13500				
	Iron	MG/KG	20100	100.00%	37410	315865	0	4	4	30.8	1.4	45.9	20.9				
	Lead	MG/KG	45.9	100.00%	24.4		0	4	3	4880 *	109 B*	5810 *	3210 *				
	Magnesium	MG/KG	5810	133.33%	21700		0	4	4	354	31.5	378	284				
	Manganese	MG/KG	378	100.00%	1100	24216	0	4	4	0.06 B	0.05 U	0.06 B	0.05 U				
	Mercury	MG/KG	0.06	50.00%	0.1	316	0	2	4	20.5 E*	2.5 BE*	23 E*	18.7 E*				
	Nickel	MG/KG	23	133.33%	50	21058	0	4	3	1900	157 B	1470	1130 B				
	Potassium	MG/KG	1900	100.00%	2623		0	4	4	1.1 UN	1.2 UN	0.92 UN	1.1 UN				
	Selenium	MG/KG	0	0.00%	2	5264	0	0	4	0.48 U	0.52 U	0.41 U	0.5 U				
	Silver	MG/KG	0	0.00%	0.8	5264	0	0	4	139 U	152 U	119 U	144 U				
	Sodium	MG/KG	0	0.00%	188		0	0	4	1.4 U	1.6 U	1.2 U	1.6 B				
	Thallium	MG/KG	1.6	25.00%	0.855	84	0	1	4	19.5 E	3.2 BE	20.6 E	16.2 E				
	Vanadium	MG/KG	20.6	100.00%	150	7370	0	4	4	74.2	5.4	79.9	50.2				
	Zinc	MG/KG	79.9	100.00%	115	315865	79.9	4	4								

SEAD-121H

Rumored Coal Disposal Area

Table 33-1

Sample Collection Information
SEAD-121H - Rumored Coal Disposal Area

9 Low Priority EBS Non-Evaluated Sites
Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SOIL	SB121H-1	EB254	3/16/98	0.00	0.90	SA	Rumored location verified by SEDA personal. The site has been covered by a roadsalt storage dome. Boring was done on the NE perimeter of the dome. Sample interval included coal.
SOIL	SB121H-1	EB255	3/16/98	6.90	7.50	SA	Same location as above. Sample taken at only other boring interval to contain coal.
SOIL	SB121H-2	EB252	3/16/98	0.00	0.30	SA	Rumored location verified by SEDA personal. The site has been covered by a roadsalt storage dome. Boring was done on the South perimeter of the dome. Surface soil sample.
SOIL	SB121H-2	EB253	3/16/98	7.30	7.70	SA	Same location as above. Sample taken at just above bedrock. (near water table). No detected VOC's or impact to soils.

Notes:

SA = Sample

Table 33.2
SEAD-121H Semivolatiles in Soil vs. NYTAGM
Non Evaluatd Sites

SITE					SEAD-121H Rumored Coal Disposal Area SB121H-1 EB252 SA	SEAD-121H Rumored Coal Disposal Area SB121H-1 EB254 SA	SEAD-121H Rumored Coal Disposal Area SB121H-2 EB255 SA	SEAD-121H Rumored Coal Disposal Area SB121H-2 EB253 SA								
DESCRIPTION					0	0	6.9	7.3								
LOC ID					0.3	0.9	7.5	7.7								
SAMP_ID																
QC CODE																
SAMP DEPTH TOP																
SAMP DEPTH BOT																
MATRIX																
SAMP DATE					SOIL 16-Mar-98	SOIL 16-Mar-98	SOIL 16-Mar-98	SOIL 16-Mar-98								
		FREQUENCY														
		OF														
PARAMETER	UNIT	MAXIMUM	DETECTION	NYSDFC TAGM	PRG IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	5256000	0	0	4	72 U			69 U		72 U		79 U
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	47304000	0	0	4	72 U			69 U		72 U		79 U
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	46778400	0	0	4	72 U			69 U		72 U		79 U
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	238467	0	0	4	72 U			69 U		72 U		79 U
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	52560000	0	0	4	170 U			170 U		180 U		190 U
2,4,6-Trichlorophenol	UG/KG	0	0.00%		570291	0	0	4	72 U			69 U		72 U		79 U
2,4-Dichlorophenol	UG/KG	0	0.00%	400	1576800	0	0	4	72 U			69 U		72 U		79 U
2,4-Dimethylphenol	UG/KG	0	0.00%		10512000	0	0	4	72 U			69 U		72 U		79 U
2,4-Dinitrophenol	UG/KG	0	0.00%	200	1051200	0	0	4	170 U			170 U		180 U		190 U
2,4-Dinitrotoluene	UG/KG	0	0.00%		10512000	0	0	4	72 U			69 U		72 U		79 U
2,6-Dinitrotoluene	UG/KG	0	0.00%	1000	525600	0	0	4	72 U			69 U		72 U		79 U
2-Chloronaphthalene	UG/KG	0	0.00%			0	0	4	72 U			69 U		72 U		79 U
2-Chlorophenol	UG/KG	0	0.00%	800	2628000	0	0	4	72 U			69 U		72 U		79 U
2-Methylnaphthalene	UG/KG	20	50.00%	36400		0	0	4	72 U			20 J		16 J		79 U
2-Methylphenol	UG/KG	0	0.00%	100	26280000	0	0	4	72 U			69 U		72 U		79 U
2-Nitroaniline	UG/KG	0	0.00%	430	31536	0	0	4	170 U			170 U		180 U		180 U
2-Nitrophenol	UG/KG	0	0.00%	330		0	0	4	72 U			69 U		72 U		79 U
3,3-Dichlorobenzidine	UG/KG	0	0.00%		12718	0	0	4	72 U			69 U		72 U		79 U
3-Nitroaniline	UG/KG	0	0.00%	500	1576800	0	0	4	170 U			170 U		180 U		190 U
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%			0	0	4	170 U			170 U		180 U		190 U
4-Bromophenyl phenyl ether	UG/KG	0	0.00%		30484800	0	0	4	72 U			69 U		72 U		79 U
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240		0	0	4	72 U			69 U		72 U		79 U
4-Chloroaniline	UG/KG	0	0.00%	220	2102400	0	0	4	72 U			69 U		72 U		79 U
4-Chlorophenyl phenyl ether	UG/KG	0	0.00%			0	0	4	72 U			69 U		72 U		79 U
4-Methylphenol	UG/KG	0	0.00%	900		0	0	4	72 U			69 U		72 U		79 U
4-Nitroaniline	UG/KG	0	0.00%		1576800	0	0	4	170 U			170 U		180 U		190 U
4-Nitrophenol	UG/KG	0	0.00%	100	31536000	0	0	4	170 U			170 U		180 U		190 U
Acenaphthene	UG/KG	0	0.00%	50000		0	0	4	72 U			69 U		72 U		79 U
Acenaphthylene	UG/KG	0	0.00%	41000		0	0	4	72 U			69 U		72 U		79 U
Anthracene	UG/KG	0	0.00%	50000	157680000	0	0	4	72 U			69 U		72 U		79 U
Benzo[a]anthracene	UG/KG	12	100.00%	224	7840	0	4	4	7.2 J			12 J		4.2 J		9.8 J
Benzo[a]pyrene	UG/KG	10	75.00%	81	784	0	3	4	10 J			8.6 J		7.2 U		8 J
Benzo[b]fluoranthene	UG/KG	15	133.33%	1100	7840	0	4	3	15 J			15 J		7.2 J		9 J
Benzo[ghi]perylene	UG/KG	13	100.00%	50000		0	4	4	13 J			9.4 J		4.7 J		8.3 J
Benzo[k]fluoranthene	UG/KG	16	75.00%	1100	78400	0	3	4	16 J			10 J		7.2 U		8.6 J
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%			0	0	4	72 U			69 U		72 U		79 U
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%		5203	0	0	4	72 U			69 U		72 U		79 U
Bis(2-Chloroisopropyl)ether	UG/KG	0	0.00%		81760	0	0	4	72 U			69 U		72 U		79 U
Bis(2-Ethylhexyl)phthalate	UG/KG	8.4	100.00%	50000	408800	0	4	4	5.2 JB		8.4 JB	7.4 JB				6.9 JB
Butylbenzylphthalate	UG/KG	4.4	25.00%	50000	105120000	0	1	4	72 U			4.4 J		72 U		79 U
Carbazole	UG/KG	0	0.00%		286160	0	0	4	72 U			69 U		72 U		79 U
Chrysene	UG/KG	18	100.00%	400	784000	0	4	4	12 J			18 J		12 J		12 J
Di-n-butylphthalate	UG/KG	3.5	25.00%	8100		0	1	4	72 U			3.5 J		72 U		79 U
Di-n-octylphthalate	UG/KG	0	0.00%	50000	10512000	0	0	4	72 U			69 U		72 U		79 U
Dibenz[a,h]anthracene	UG/KG	7.6	50.00%	14	784	0	2	4	7.6 J			6.4 J		72 U		79 U
Dibenzofuran	UG/KG	7.8	50.00%	6200	2102400	0	2	4	72 U			7.8 J		4.9 J		79 U
Diethyl phthalate	UG/KG	13	100.00%	7100	420480000	0	4	4	5.4 JB		13 JB	9.4 JB				12 JB
Dimethylphthalate	UG/KG	0	0.00%	7000	525600000	0	0	4	72 U			69 U		72 U		79 U
Fluoranthene	UG/KG	33	100.00%	50000	21024000	0	4	4	15 J			33 J		10 J		23 J
Fluorine	UG/KG	0	0.00%	50000	21024000	0	0	4	72 U			69 U		72 U		79 U
Hexachlorobenzene	UG/KG	0	0.00%	410	3577	0	0	4	72 U			69 U		72 U		79 U
Hexachlorobutadiene	UG/KG	0	0.00%		73374	0	0	4	72 U			69 U		72 U		79 U
Hexachlorocyclopentadiene	UG/KG	0	0.00%		3679200	0	0	4	72 U			69 U		72 U		79 U
Hexachloroethane	UG/KG	0	0.00%		408800	0	0	4	72 U			69 U		72 U		79 U
Indeno[1,2,3-cd]pyrene	UG/KG	13	75.00%	3200	7840	0	3	4	13 J			8.1 J		72 U		8.3 J
Isophorone	UG/KG	0	0.00%	4400		0	0	4	72 U			69 U		72 U		79 U
N-Nitrosodiphenylamine	UG/KG	0	0.00%		1168000	0	0	4	72 U			69 U		72 U		79 U
N-Nitrosodipropylamine	UG/KG	0	0.00%		818	0	0	4	72 U			69 U		72 U		79 U
Naphthalene	UG/KG	12	50.00%	13000	21024000	0	2	4	72 U			12 J		8.9 J		79 U
Nitrobenzene	UG/KG	0	0.00%	200	262800	0	0	4	72 U			69 U		72 U		79 U
Pentachlorophenol	UG/KG	0	0.00%	1000	47693	0	0	4	170 U			170 U		180 U		190 U
Phenanthrene	UG/KG	34	100.00%	50000		0	4	4	71 J			34 J		15 J		13 J
Phenol	UG/KG	0	0.00%	30	315360000	0	0	4	72 U			69 U		72 U		79 U
Pyrene	UG/KG	22	100.00%	50000	15768000	0	4	4	10 J			22 J		7.5 J		17 J

Table 33.3
SEAD-121H Semivolatiles in Soil vs PRG IND
Non Evaluated Sites

SITE	DESCRIPTION	LOC ID	SAMP_ID	QC CODE	SAMP_DEPTH TOP	SAMP_DEPTH BOT	MATRIX	SAMP DATE	SEAD-121H Remored Coal Disposal Area SR121H-1 EB252 SA		SEAD-121H Remored Coal Disposal Area SB121H-1 EB254 SA		SEAD-121H Remored Coal Disposal Area SB121H-2 EB255 SA		SEAD-121H Remored Coal Disposal Area SB121H-2 EB253 SA	
									0	0.3	0	0.9	6.9	7.5	7.3	7.7
									SOIL	16-Mar-98	SOIL	16-Mar-98	SOIL	16-Mar-98	SOIL	16-Mar-98
PARAMETER	UNIT	MAXIMUM	DETECTION	NYSDEC TAGM	PRG-IND	NUMBER ABOVE	NUMBER OF	NUMBER OF	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	5256000	0	0	4	72 U		69 U		72 U		79 U	
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	47304000	0	0	4	72 U		69 U		72 U		79 U	
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	46778400	0	0	4	72 U		69 U		72 U		79 U	
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	238467	0	0	4	72 U		65 U		72 U		79 U	
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	52560000	0	0	4	170 U		170 U		180 U		190 U	
2,4,6-Trichlorophenol	UG/KG	0	0.00%		520291	0	0	4	72 U		69 U		72 U		79 U	
2,4-Dichlorophenol	UG/KG	0	0.00%	400	1576800	0	0	4	72 U		69 U		72 U		79 U	
2,4-Dimethylphenol	UG/KG	0	0.00%		10512000	0	0	4	72 U		69 U		72 U		79 U	
2,4-Dinitrophenol	UG/KG	0	0.00%	200	1051200	0	0	4	170 U		170 U		180 U		190 U	
2,4-Dinitrotoluene	UG/KG	0	0.00%		1051200	0	0	4	72 U		69 U		72 U		79 U	
2,6-Dinitrotoluene	UG/KG	0	0.00%	1000	525600	0	0	4	72 U		69 U		72 U		79 U	
2-Chloronaphthalene	UG/KG	0	0.00%			0	0	4	72 U		69 U		72 U		79 U	
2-Chlorophenol	UG/KG	0	0.00%	800	2628000	0	0	4	72 U		69 U		72 U		79 U	
2-Methylnaphthalene	UG/KG	20	50.00%	36400		0	2	4	72 U		20 J		16 J		79 U	
2-Methylphenol	UG/KG	0	0.00%	100	26280000	0	0	4	72 U		69 U		72 U		79 U	
2-Nitroaniline	UG/KG	0	0.00%	430	31536	0	0	4	170 U		170 U		180 U		190 U	
2-Nitrophenol	UG/KG	0	0.00%	330		0	0	4	72 U		69 U		72 U		79 U	
3,3-Dichlorobenzidine	UG/KG	0	0.00%		12718	0	0	4	72 U		69 U		72 U		79 U	
3-Nitroaniline	UG/KG	0	0.00%	500	1576800	0	0	4	170 U		170 U		180 U		190 U	
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%			0	0	4	170 U		170 U		180 U		190 U	
4-Bromophenyl phenyl ether	UG/KG	0	0.00%		30484800	0	0	4	72 U		69 U		72 U		79 U	
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240		0	0	4	72 U		69 U		72 U		79 U	
4-Chloroaniline	UG/KG	0	0.00%	720	2102400	0	0	4	72 U		69 U		72 U		79 U	
4-Chlorophenyl phenyl ether	UG/KG	0	0.00%			0	0	4	72 U		69 U		72 U		79 U	
4-Methylphenol	UG/KG	0	0.00%	900		0	0	4	72 U		69 U		72 U		79 U	
4-Nitroaniline	UG/KG	0	0.00%		1576800	0	0	4	170 U		170 U		180 U		190 U	
4-Nitrophenol	UG/KG	0	0.00%	100	31536000	0	0	4	170 U		170 U		180 U		190 U	
Acenaphthene	UG/KG	0	0.00%	50000		0	0	4	72 U		69 U		72 U		79 U	
Acenaphthylene	UG/KG	0	0.00%	41000		0	0	4	72 U		69 U		72 U		79 U	
Anthracene	UG/KG	0	0.00%	50000	157680000	0	0	4	72 U		69 U		72 U		79 U	
Benzo(a)anthracene	UG/KG	12	100.00%	224	7840	0	4	4	72 J		12 J		42 J		98 J	
Benzo(a)pyrene	UG/KG	10	75.00%	61	784	0	3	4	10 J		86 J		72 U		8 J	
Benzo(b)fluoranthene	UG/KG	15	133.33%	1100	7840	0	4	3	15 J		15 J		172 JY		9 J	
Benzo(g)herylene	UG/KG	13	100.00%	50000		0	4	4	13 J		94 J		47 J		83 J	
Benzo(k)fluoranthene	UG/KG	16	75.00%	1100	78400	0	3	4	16 J		10 J		72 U		86 J	
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%			0	0	4	72 U		69 U		72 U		79 U	
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%		5203	0	0	4	72 U		69 U		72 U		79 U	
Bis(2-Chloropropyl)ether	UG/KG	0	0.00%		81760	0	0	4	72 U		69 U		72 U		79 U	
Bis(2-Ethylhexyl)phthalate	UG/KG	8.4	100.00%	50000	408800	0	4	4	52 JB		84 JB		74 JB		69 JB	
Butylbenzylphthalate	UG/KG	4.4	25.00%	50000	105120000	0	1	4	72 U		44 J		72 U		79 U	
Carbazole	UG/KG	0	0.00%		286160	0	0	4	72 U		69 U		72 U		79 U	
Chrysene	UG/KG	18	100.00%	400	784000	0	4	4	12 J		18 J		72 J		12 J	
Di-n-butylphthalate	UG/KG	3.5	25.00%	8100		0	1	4	72 U		35 J		72 U		79 U	
Di-n-octylphthalate	UG/KG	0	0.00%	50000	10512000	0	0	4	72 U		69 U		72 U		79 U	
Dibenz(a,h)anthracene	UG/KG	7.6	50.00%	14	784	0	2	4	76 J		64 J		72 U		79 U	
Dibenzofuran	UG/KG	7.8	50.00%	6200	2102400	0	2	4	72 U		78 J		49 J		79 U	
Diethyl phthalate	UG/KG	13	100.00%	7100	420480000	0	4	4	54 JB		13 JB		94 JB		12 JB	
Dimethylphthalate	UG/KG	0	0.00%	2000	5256000000	0	0	4	72 U		69 U		72 U		79 U	
Fluoranthene	UG/KG	33	100.00%	50000	21024000	0	4	4	15 J		33 J		10 J		23 J	
Fluorene	UG/KG	0	0.00%	50000	21024000	0	0	4	72 U		69 U		72 U		79 U	
Hexachlorobenzene	UG/KG	0	0.00%	410	3577	0	0	4	72 U		69 U		72 U		79 U	
Hexachlorobutadiene	UG/KG	0	0.00%		73374	0	0	4	72 U		69 U		72 U		79 U	
Hexachlorocyclopentadiene	UG/KG	0	0.00%		3679200	0	0	4	72 U		69 U		72 U		79 U	
Hexachloroethane	UG/KG	0	0.00%		408800	0	0	4	72 U		69 U		72 U		79 U	
Indeno[1,2,3-cd]pyrene	UG/KG	13	75.00%	3200	7840	0	3	4	13 J		81 J		72 U		83 J	
Isophorene	UG/KG	0	0.00%	4400		0	0	4	72 U		69 U		72 U		79 U	
N-Nitrosodiphenylamine	UG/KG	0	0.00%		1169000	0	0	4	72 U		69 U		72 U		79 U	
N-Nitrosodipropylamine	UG/KG	0	0.00%		818	0	0	4	72 U		69 U		72 U		79 U	
Naphthalene	UG/KG	12	50.00%	13000	21024000	0	2	4	72 U		12 J		89 J		79 U	
Nitrobenzene	UG/KG	0	0.00%	200	262800	0	0	4	72 U		69 U		72 U		79 U	
Pentachlorophenol	UG/KG	0	0.00%	1000	47633	0	0	4	170 U		170 U		180 U		190 U	
Phenanthrene	UG/KG	34	100.00%	50000		0	4	4	71 J		34 J		15 J		13 J	
Phenol	UG/KG	0	0.00%	30	315360000	0	0	4	72 U		69 U		72 U		79 U	
Pyrene	UG/KG	22	100.00%	50000	15768000	0	4	4	10 J		22 J		75 J		17 J	

Table 33-4
SEAD-121H - Metals in Soil vs NYTAGM
Non-Evaluated Sites

2/17/99

SITE	DESCRIPTION	LOC ID	SAMP_ID	QC CODE	SAMP DEPTH TOP	SAMP DEPTH BOT	MATRIX	SAMP DATE	FREQUENCY OF DETECTION	NYSDEC TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-121H Rumored Coal Disposal Area SB121H-1 EB252 SA		SEAD-121H Rumored Coal Disposal Area SB121H-1 EB254 SA		SEAD-121H Rumored Coal Disposal Area SB121H-2 EB255 SA		SEAD-121H Rumored Coal Disposal Area SB121H-2 EB253 SA	
															VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
															0		0		8.9		7.3	
															0.3		0.9		7.5		7.7	
															SOIL		SOIL		SOIL		SOIL	
															16-Mar-98		16-Mar-98		16-Mar-98		16-Mar-98	
PARAMETER	UNIT	MAXIMUM	DETECTION	NYSDEC TAGM	PRG-IND									VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	
Aluminum	MG/KG	12400	100.00%	19520	525600		0	4			4	3610				1570		6570		12400		
Antimony	MG/KG	0	0.00%	6	210.24		0	0			4	1.1 U				0.99 U		1 U		1.2 U		
Arsenic	MG/KG	4.5	100.00%	8.9	3.815466667		0	4			4	4.3				3.1		3.4		4.5		
Barium	MG/KG	83.1	100.00%	300	36792		0	4			4	23.5 B				17.7 B		53.6		83.1		
Beryllium	MG/KG	0.48	100.00%	1.13	1.330976744		0	4			4	0.17 B				0.11 B		0.24 B		0.48 B		
Cadmium	MG/KG	0	0.00%	2.46	262.8		0	0			4	0.06 U				0.06 U		0.06 U		0.07 U		
Calcium	MG/KG	246000	100.00%	125300			2	4			4	237000 E				236000 E		102000 E		174000 E		
Chromium	MG/KG	19.3	100.00%	30	525600		0	4			4	6.9				3.7		11.5		19.3		
Cobalt	MG/KG	10.5	100.00%	30	31536		0	4			4	5.7 B				4.7 B		6.9 B		10.5 B		
Copper	MG/KG	20.2	100.00%	33	21024		0	4			4	13.8				8.7		14.9		20.2		
Cyanide	MG/KG	0	0.00%	0.35			0	0			4	0.55 U				0.55 U		0.58 U		0.65 U		
Iron	MG/KG	23600	100.00%	37410	157680		0	4			4	8390				4400		14800		23600		
Lead	MG/KG	12.6	100.00%	24.4			0	4			4	8.7				4.9		7.6		12.6		
Magnesium	MG/KG	15400	100.00%	21700			0	4			4	13500				13900		15400		5620		
Manganese	MG/KG	495	100.00%	1100	12088.8		0	4			4	308				337		321		495		
Mercury	MG/KG	0	0.00%	0.1	157.68		0	0			4	0.04 U				0.04 U		0.06 U		0.05 U		
Nickel	MG/KG	27.7	100.00%	50	10512		0	4			4	14.1				10		20.5		27.7		
Potassium	MG/KG	1370	100.00%	2623			0	4			4	1090				881 B		1060		1370		
Selenium	MG/KG	1.1	25.00%	2	2628		0	1			4	0.93 U				0.87 U		0.9 U		1.1 B		
Silver	MG/KG	0	0.00%	0.8	2628		0	0			4	0.27 U				0.25 U		0.26 U		0.3 U		
Sodium	MG/KG	611	100.00%	188			4	4			4	307 B				411 B		377 B		377 B		
Thallium	MG/KG	0	0.00%	0.855	42.048		0	0			4	1.4 U				1.3 U		1.3 U		1.5 U		
Vanadium	MG/KG	21.3	100.00%	150	3679.2		0	4			4	8.3 B				5.4 B		11.4		21.3		
Zinc	MG/KG	67.1	100.00%	115	157680		0	4			4	33.1				23.5		47.6		67.1		

Table 33-5
SEAD-121H - Metals in Soil vs PRG-IND
Non-Evaluated Sites

2/17/99

SITE							SEAD-121H	SEAD-121H	SEAD-121H	SEAD-121H						
DESCRIPTION							Rumored Coal	Rumored Coal	Rumored Coal	Rumored Coal						
LOC ID							Disposal Area	Disposal Area	Disposal Area	Disposal Area						
SAMP_ID							SB121H-1	SB121H-1	SB121H-2	SB121H-2						
QC CODE							EB252	EB254	EB255	EB253						
SAMP DEPTH TOP							SA	SA	SA	SA						
SAMP DEPTH BOT									6.9	7.3						
MATRIX								0.9	7.5	7.7						
SAMP DATE							SOIL	SOIL	SOIL	SOIL						
							16-Mar-98	16-Mar-98	16-Mar-98	16-Mar-98						
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYSDEC TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Aluminum	MG/KG	12400	100.00%	19520	525600	0	4	4	3610		1570		6570		12400	
Antimony	MG/KG	0	0.00%	6	210	0	0	4	1.1	U	0.99	U	1	U	1.2	U
Arsenic	MG/KG	4.5	100.00%	8.9	4	2	4	4	4.3		3.1		3.4		4.5	
Barium	MG/KG	83.1	100.00%	300	36792	0	4	4	23.5	B	17.7	B	53.6		83.1	
Beryllium	MG/KG	0.48	100.00%	1.13	1	0	4	4	0.17	B	0.11	B	0.24	B	0.48	B
Cadmium	MG/KG	0	0.00%	2.46	263	0	0	4	0.06	U	0.06	U	0.06	U	0.07	U
Calcium	MG/KG	246000	100.00%	125300		0	4	4	227000	E	246000	E	102000	E	17400	E
Chromium	MG/KG	19.3	100.00%	30	525600	0	4	4	6.9		3.7		11.5		19.3	
Cobalt	MG/KG	10.5	100.00%	30	31536	0	4	4	5.7	B	4.7	B	6.9	B	10.5	B
Copper	MG/KG	20.2	100.00%	33	21024	0	4	4	13.8		8.7		14.9		20.2	
Cyanide	MG/KG	0	0.00%	0.35		0	0	4	0.55	U	0.55	U	0.58	U	0.65	U
Iron	MG/KG	23600	100.00%	37410	157680	0	4	4	8390		4400		14800		23600	
Lead	MG/KG	12.6	100.00%	24.4		0	4	4	9.7		4.9		7.6		12.6	
Magnesium	MG/KG	15400	100.00%	21700		0	4	4	13500		13900		15400		5820	
Manganese	MG/KG	495	100.00%	1100	12089	0	4	4	308		337		321		495	
Mercury	MG/KG	0	0.00%	0.1	158	0	0	4	0.04	U	0.04	U	0.06	U	0.05	U
Nickel	MG/KG	27.7	100.00%	50	10512	0	4	4	14.1		10		20.5		27.7	
Potassium	MG/KG	1370	100.00%	2623		0	4	4	1090		881	B	1060		1370	
Selenium	MG/KG	1.1	25.00%	2	2628	0	1	4	0.93	U	0.87	U	0.9	U	1.1	B
Silver	MG/KG	0	0.00%	0.8	2628	0	0	4	0.27	U	0.25	U	0.26	U	0.3	U
Sodium	MG/KG	611	100.00%	188		0	4	4	328	B	611	B	335	B	377	B
Thallium	MG/KG	0	0.00%	0.855	42	0	0	4	1.4	U	1.3	U	1.3	U	1.5	U
Vanadium	MG/KG	21.3	100.00%	150	3679	0	4	4	8.3	B	5.4	B	11.4		21.3	
Zinc	MG/KG	67.1	100.00%	115	157680	0	4	4	33.1		23.5		47.8		67.1	

SEAD-121I

Cosmoline Oil Disposal Areas

Table 34-1
 Sample Collection Information
 SEAD-1211 - Cosmoline Oil Disposal Areas
 9 Low Priority EBS Non-Evaluated Sites
 Seneca Army Depot Activity

MATRIX	LOCATION ID	SAMPLE ID	SAMPLE DATE	TOP (feet)	BOTTOM (feet)	QC CODE	RATIONALE FOR SAMPLE LOCATION
SURFACE SOIL	SS1211-1	EB147	3/10/98	0	0.2	SA	Location is in a depressed ground surface area adjacent to warehouse Bldg. 343 where cosmoline may of been deposited during equipment unpacking and cleaning activities.
SURFACE SOIL	SS1211-2	EB150	3/10/98	0	0.2	SA	Location is in a depressed ground surface area adjacent to warehouse Bldg.342 where cosmoline may of been deposited during equipment unpacking and cleaning activities.
SURFACE SOIL	SS1211-3	EB149	3/10/98	0	0.2	SA	Location is in a depressed ground surface area adjacent to warehouse Bldg.341 where cosmoline may of been deposited during equipment unpacking and cleaning activities.
SURFACE SOIL	SS1211-4	EB148	3/10/98	0	0.2	SA	Location is in a depressed ground surface area adjacent to warehouse Bldg.340 where cosmoline may of been deposited during equipment unpacking and cleaning activities.
SEDIMENT	SD1211-1	EB151	3/10/98	0	0.2	SA	Location is a drainage culvert downgradient of the material staging area between warehouse Bldgs. 343 & 331, near a railway dock, where cosmoline may of been deposited from surface water runoff. Standing water was present.
SEDIMENT	SD1211-2	EB152	3/10/98	0	0.2	SA	Location is a drainage culvert downgradient of the material staging area between warehouse Bldgs. 329 & 341, near a railway dock, where cosmoline may of been deposited from surface water runoff. Standing water was present.

Notes:
 SA = Sample

Table 34-2
SEAD-1211 - Semivolatiles/TPH in Soil vs. NYTAGM
Non Evaluated Sites

2/18/99

SITE:
DESCRIPTION:
LOC ID:
SAMP_ID:
QC CODE:
SAMP. DEPTH TOP:
SAMP. DEPTH BOT:
MATRIX:
SAMP. DATE:

SEAD-1211

SEAD-1211

SS1211-1
EB147
SA

SS1211-2
EB150
SA

0

0

0.2

0.2

SOIL

SOIL

10-Mar-98

10-Mar-98

PARAMETER	UNIT	FREQUENCY		NYSDEC TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-1211		SEAD-1211	
		MAXIMUM	OF DETECTION						VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	5256000	0	0	4	470 U		7400 U	
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	47304000	0	0	4	470 U		7400 U	
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	46778400	0	0	4	470 U		7400 U	
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	238467	0	0	4	470 U		7400 U	
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	52560000	0	0	4	1100 U		18000 U	
2,4,6-Trichlorophenol	UG/KG	0	0.00%		520291	0	0	4	470 U		7400 U	
2,4-Dichlorophenol	UG/KG	0	0.00%	400	1576800	0	0	4	470 U		7400 U	
2,4-Dimethylphenol	UG/KG	0	0.00%		10512000	0	0	4	470 U		7400 U	
2,4-Dinitrophenol	UG/KG	0	0.00%	200	1051200	0	0	4	1100 U		18000 U	
2,4-Dinitrotoluene	UG/KG	0	0.00%		1051200	0	0	4	470 U		7400 U	
2,6-Dinitrotoluene	UG/KG	0	0.00%	1000	525600	0	0	4	470 U		7400 U	
2-Chloronaphthalene	UG/KG	0	0.00%			0	0	4	470 U		7400 U	
2-Chlorophenol	UG/KG	0	0.00%	800	2628000	0	0	4	470 U		7400 U	
2-Methylnaphthalene	UG/KG	54	25.00%	36400		0	1	4	470 U		7400 U	
2-Methylphenol	UG/KG	0	0.00%	100	26280000	0	0	4	470 U		7400 U	
2-Nitroaniline	UG/KG	0	0.00%	430	31536	0	0	4	1100 U		18000 U	
2-Nitrophenol	UG/KG	0	0.00%	330		0	0	4	470 U		7400 U	
3,3'-Dichlorobenzidine	UG/KG	0	0.00%		12718	0	0	4	470 U		7400 U	
3-Nitroaniline	UG/KG	0	0.00%	500	1576800	0	0	4	1100 U		18000 U	
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%			0	0	4	1100 U		18000 U	
4-Bromophenyl phenyl ether	UG/KG	0	0.00%		30484800	0	0	4	470 U		7400 U	
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240		0	0	4	470 U		7400 U	
4-Chloroaniline	UG/KG	0	0.00%	220	2102400	0	0	4	470 U		7400 U	
4-Chlorophenyl phenyl ether	UG/KG	0	0.00%			0	0	4	470 U		7400 U	
4-Methylphenol	UG/KG	0	0.00%	900		0	0	4	470 U		7400 U	
4-Nitroaniline	UG/KG	0	0.00%		1576800	0	0	4	1100 U		18000 U	
4-Nitrophenol	UG/KG	0	0.00%	100	31536000	0	0	4	1100 U		18000 U	
Acenaphthene	UG/KG	1900	100.00%	50000		0	4	4	170 J		1900 J	
Acenaphthylene	UG/KG	0	0.00%	41000		0	0	4	470 U		7400 U	
Anthracene	UG/KG	2600	100.00%	50000	157680000	0	4	4	170 J		2600 J	
Benzo[a]anthracene	UG/KG	13000	100.00%	224	7840	4	4	4	1400		13000	
Benzo[a]pyrene	UG/KG	13000	100.00%	61	784	4	4	4	1300		13000	
Benzo[b]fluoranthene	UG/KG	12000	100.00%	1100	7840	4	4	4	1500		12000	
Benzo[ghi]perylene	UG/KG	8100	100.00%	50000		0	4	4	820		8100	
Benzo[k]fluoranthene	UG/KG	15000	100.00%	1100	78400	4	4	4	1500		15000	
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%			0	0	4	470 U		7400 U	
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%		5203	0	0	4	470 U		7400 U	
Bis(2-Chloroisopropyl)ether	UG/KG	0	0.00%		81760	0	0	4	470 U		7400 U	
Bis(2-Ethylhexyl)phthalate	UG/KG	230	75.00%	50000	408800	0	3	4	51 JB		7400 U	
Butylbenzylphthalate	UG/KG	0	0.00%	50000	105120000	0	0	4	470 U		7400 U	
Carbazole	UG/KG	3100	100.00%		286160	0	4	4	230 J		3100 J	
Chrysene	UG/KG	16000	100.00%	400	784000	4	4	4	1700		16000	
Di-n-butylphthalate	UG/KG	45	25.00%	8100		0	1	4	45 JB		7400 U	
Di-n-octylphthalate	UG/KG	0	0.00%	50000	10512000	0	0	4	470 U		7400 U	
Dibenz[a,h]anthracene	UG/KG	4600	100.00%	14	784	4	4	4	350 J		J	
Dibenzofuran	UG/KG	440	100.00%	6200	2102400	0	4	4	29 J		440 J	

Table 34-2
SEAD-1211 - Semivolatiles/TPH in Soil vs. NYTAGM
Non Evaluated Sites

2/18/99

SITE						SEAD-1211				SEAD-1211				
DESCRIPTION						SS1211-1				SS1211-2				
LOC ID:						EB147				EB150				
SAMP_ID:						SA				SA				
QC CODE:						0				0				
SAMP DEPTH TOP:						0.2				0.2				
SAMP DEPTH BOT:														
MATRIX:						SOIL				SOIL				
SAMP DATE						10-Mar-98				10-Mar-98				
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYSDEC TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE		VALUE		Q	
									Q	Q	Q	Q		
Diethyl phthalate	UG/KG	0	0.00%	7100	420480000	0	0	4	470	U	7400	U		
Dimethylphthalate	UG/KG	0	0.00%	2000	5256000000	0	0	4	470	U	7400	U		
Fluoranthene	UG/KG	35000	100.00%	50000	21024000	0	4	4	3200		35000			
Fluorene	UG/KG	1100	100.00%	50000	21024000	0	4	4	83	J	1100	J		
Hexachlorobenzene	UG/KG	0	0.00%	410	3577	0	0	4	470	U	7400	U		
Hexachlorobutadiene	UG/KG	0	0.00%		73374	0	0	4	470	U	7400	U		
Hexachlorocyclopentadiene	UG/KG	0	0.00%		3679200	0	0	4	470	U	7400	U		
Hexachloroethane	UG/KG	0	0.00%		408800	0	0	4	470	U	7400	U		
Indeno[1,2,3-cd]pyrene	UG/KG	8000	100.00%	3200	7840	1	4	4	760		8000			
Isophorone	UG/KG	0	0.00%	4400		0	0	4	470	U	7400	U		
N-Nitrosodiphenylamine	UG/KG	0	0.00%		1168000	0	0	4	470	U	7400	U		
N-Nitrosodipropylamine	UG/KG	0	0.00%		818	0	0	4	470	U	7400	U		
Naphthalene	UG/KG	51	25.00%	13000	21024000	0	1	4	470	U	7400	U		
Nitrobenzene	UG/KG	0	0.00%	200	262800	0	0	4	470	U	7400	U		
Pentachlorophenol	UG/KG	0	0.00%	1000	47693	0	0	4	1100	U	18000	U		
Phenanthrene	UG/KG	15000	100.00%	50000		0	4	4	1200		15000			
Phenol	UG/KG	0	0.00%	30	315360000	0	0	4	470	U	7400	U		
Pyrene	UG/KG	23000	100.00%	50000	15768000	0	4	4	2700		23000			
TPH	MG/KG	452	75.00%			0	3	4	43.9		108			

Table 34-2
SEAD-1211 - Semivolatiles/TPH in Soil vs. NYTAGM
Non Evaluated Sites

2/18/99

SITE:	SEAD-1211	SEAD-1211
DESCRIPTION:		
LOC ID:	SS1211-3	SS1211-4
SAMP_ID:	EB149	EB148
QC CODE:	SA	SA
SAMP. DEPTH TOP:	0	0
SAMP. DEPTH BOT:	0.2	0.2
MATRIX:	SOIL	SOIL
SAMP. DATE:	35864	35864

PARAMETER	UNIT	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	770	U	550	U
1,2-Dichlorobenzene	UG/KG	770	U	550	U
1,3-Dichlorobenzene	UG/KG	770	U	550	U
1,4-Dichlorobenzene	UG/KG	770	U	550	U
2,4,5-Trichlorophenol	UG/KG	1900	U	1300	U
2,4,6-Trichlorophenol	UG/KG	770	U	550	U
2,4-Dichlorophenol	UG/KG	770	U	550	U
2,4-Dimethylphenol	UG/KG	770	U	550	U
2,4-Dinitrophenol	UG/KG	1900	U	1300	U
2,4-Dinitrotoluene	UG/KG	770	U	550	U
2,6-Dinitrotoluene	UG/KG	770	U	550	U
2-Chloronaphthalene	UG/KG	770	U	550	U
2-Chlorophenol	UG/KG	770	U	550	U
2-Methylnaphthalene	UG/KG	54	J	550	U
2-Methylphenol	UG/KG	770	U	550	U
2-Nitroaniline	UG/KG	1900	U	1300	U
2-Nitrophenol	UG/KG	770	U	550	U
3,3'-Dichlorobenzidine	UG/KG	770	U	550	U
3-Nitroaniline	UG/KG	1900	U	1300	U
4,6-Dinitro-2-methylphenol	UG/KG	1900	U	1300	U
4-Bromophenyl phenyl ether	UG/KG	770	U	550	U
4-Chloro-3-methylphenol	UG/KG	770	U	550	U
4-Chloroaniline	UG/KG	770	U	550	U
4-Chlorophenyl phenyl ether	UG/KG	770	U	550	U
4-Methylphenol	UG/KG	770	U	550	U
4-Nitroaniline	UG/KG	1900	U	1300	U
4-Nitrophenol	UG/KG	1900	U	1300	U
Acenaphthene	UG/KG	140	J	320	J
Acenaphthylene	UG/KG	770	U	550	U
Anthracene	UG/KG	220	J	230	J
Benzo[a]anthracene	UG/KG	1600	B	1700	B
Benzo[a]pyrene	UG/KG	1800	B	1600	B
Benzo[b]fluoranthene	UG/KG	2100	B	1700	B
Benzo[ghi]perylene	UG/KG	1600	B	940	B
Benzo[k]fluoranthene	UG/KG	2500	B	1800	B
Bis(2-Chloroethoxy)methane	UG/KG	770	U	550	U
Bis(2-Chloroethyl)ether	UG/KG	770	U	550	U
Bis(2-Chloroisopropyl)ether	UG/KG	770	U	550	U
Bis(2-Ethylhexyl)phthalate	UG/KG	230	J	47	JB
Butylbenzylphthalate	UG/KG	770	U	550	U
Carbazole	UG/KG	320	J	380	J
Chrysene	UG/KG	2000	B	1900	B
Di-n-butylphthalate	UG/KG	770	U	550	U
Di-n-octylphthalate	UG/KG	770	U	550	U
Dibenz[a,h]anthracene	UG/KG	720	J	420	J
Dibenzofuran	UG/KG	42	J	63	J

Table 34-2
SEAD-1211 - Semivolatiles/TPH in Soil vs. NYTAGM
Non Evaluated Sites

2/18/99

SITE:		SEAD-1211		SEAD-1211	
DESCRIPTION:					
LOC ID:		SS1211-3		SS1211-4	
SAMP_ID:		EB149		EB148	
QC CODE:		SA		SA	
SAMP_DEPTH TOP:		0		0	
SAMP_DEPTH BOT.		0.2		0.2	
MATRIX:		SOIL		SOIL	
SAMP_DATE:		35864		35864	
PARAMETER	UNIT	VALUE	Q	VALUE	Q
Diethyl phthalate	UG/KG	770	U	550	U
Dimethylphthalate	UG/KG	770	U	550	U
Fluoranthene	UG/KG	4000	B	4100	
Fluorene	UG/KG	98	J	160	J
Hexachlorobenzene	UG/KG	770	U	550	U
Hexachlorobutadiene	UG/KG	770	U	550	U
Hexachlorocyclopentadiene	UG/KG	770	U	550	U
Hexachloroethane	UG/KG	770	U	550	U
Indeno[1,2,3-cd]pyrene	UG/KG	1600	B	950	
Isophorone	UG/KG	770	U	550	U
N-Nitrosodiphenylamine	UG/KG	770	U	550	U
N-Nitrosodipropylamine	UG/KG	770	U	550	U
Naphthalene	UG/KG	770	U	51	J
Nitrobenzene	UG/KG	770	U	550	U
Pentachlorophenol	UG/KG	1900	U	1300	U
Phenanthrene	UG/KG	1400	B	1800	
Phenol	UG/KG	770	U	550	U
Pyrene	UG/KG	3000	B	3200	
TPH	MG/KG	452		20.3	U

Table 34-3
SEAD-1211 - Semivolatiles/TPH in Soil vs PRG-IND
Non Evaluated Sites

2/18/99

SITE:
DESCRIPTION:
LOC ID:
SAMP_ID:
QC CODE:
SAMP. DEPTH TOP:
SAMP. DEPTH BOT:
MATRIX:
SAMP. DATE:

SEAD-1211

SEAD-1211

SS1211-1
EB147
SA

SS1211-2
EB150
SA

0
0.2
SOIL
10-Mar-98

0
0.2
SOIL
10-Mar-98

PARAMETER	UNIT	FREQUENCY OF DETECTION		NYSDEC TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-1211		SEAD-1211
		MAXIMUM							VALUE	Q	VALUE
1,2,4-Trichlorobenzene	UG/KG	0	0.00%	3400	5256000	0	0	4	470 U		7400
1,2-Dichlorobenzene	UG/KG	0	0.00%	7900	47304000	0	0	4	470 U		7400
1,3-Dichlorobenzene	UG/KG	0	0.00%	1600	46778400	0	0	4	470 U		7400
1,4-Dichlorobenzene	UG/KG	0	0.00%	8500	238467	0	0	4	470 U		7400
2,4,5-Trichlorophenol	UG/KG	0	0.00%	100	52560000	0	0	4	1100 U		18000
2,4,6-Trichlorophenol	UG/KG	0	0.00%		520291	0	0	4	470 U		7400
2,4-Dichlorophenol	UG/KG	0	0.00%	400	1576800	0	0	4	470 U		7400
2,4-Dimethylphenol	UG/KG	0	0.00%		10512000	0	0	4	470 U		7400
2,4-Dinitrophenol	UG/KG	0	0.00%	200	1051200	0	0	4	1100 U		18000
2,4-Dinitrotoluene	UG/KG	0	0.00%		1051200	0	0	4	470 U		7400
2,6-Dinitrotoluene	UG/KG	0	0.00%	1000	525600	0	0	4	470 U		7400
2-Chloronaphthalene	UG/KG	0	0.00%			0	0	4	470 U		7400
2-Chlorophenol	UG/KG	0	0.00%	800	2628000	0	0	4	470 U		7400
2-Methylnaphthalene	UG/KG	54	25.00%	36400		0	1	4	470 U		7400
2-Methylphenol	UG/KG	0	0.00%	100	26280000	0	0	4	470 U		7400
2-Nitroaniline	UG/KG	0	0.00%	430	31536	0	0	4	1100 U		18000
2-Nitrophenol	UG/KG	0	0.00%	330		0	0	4	470 U		7400
3,3'-Dichlorobenzidine	UG/KG	0	0.00%		12718	0	0	4	470 U		7400
3-Nitroaniline	UG/KG	0	0.00%	500	1576800	0	0	4	1100 U		18000
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%			0	0	4	1100 U		18000
4-Bromophenyl phenyl ether	UG/KG	0	0.00%		30484800	0	0	4	470 U		7400
4-Chloro-3-methylphenol	UG/KG	0	0.00%	240		0	0	4	470 U		7400
4-Chloroaniline	UG/KG	0	0.00%	220	2102400	0	0	4	470 U		7400
4-Chlorophenyl phenyl ether	UG/KG	0	0.00%			0	0	4	470 U		7400
4-Methylphenol	UG/KG	0	0.00%	900		0	0	4	470 U		7400
4-Nitroaniline	UG/KG	0	0.00%		1576800	0	0	4	1100 U		18000
4-Nitrophenol	UG/KG	0	0.00%	100	31536000	0	0	4	1100 U		18000
Acenaphthene	UG/KG	1900	100.00%	50000		0	4	4	170 J		1900
Acenaphthylene	UG/KG	0	0.00%	41000		0	0	4	470 U		7400
Anthracene	UG/KG	2600	100.00%	50000	157680000	0	4	4	170 J		2600
Benzo[a]anthracene	UG/KG	13000	100.00%	224	784	1	4	4	1400		
Benzo[a]pyrene	UG/KG	13000	100.00%	61	784	4	4	4	1300		
Benzo[b]fluoranthene	UG/KG	12000	100.00%	1100	7840	1	4	4	1500		12000
Benzo[ghi]perylene	UG/KG	8100	100.00%	50000		0	4	4	820		8100
Benzo[k]fluoranthene	UG/KG	15000	100.00%	1100	78400	0	4	4	1500		15000
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%			0	0	4	470 U		7400
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%		5203	0	0	4	470 U		7400
Bis(2-Chloroisopropyl)ether	UG/KG	0	0.00%		81760	0	0	4	470 U		7400
Bis(2-Ethylhexyl)phthalate	UG/KG	230	75.00%	50000	408800	0	3	4	51 JB		7400
Butylbenzylphthalate	UG/KG	0	0.00%	50000	105120000	0	0	4	470 U		7400
Carbazole	UG/KG	3100	100.00%		286160	0	4	4	230 J		3100
Chrysene	UG/KG	16000	100.00%	400	784000	0	4	4	1700		16000
Di-n-butylphthalate	UG/KG	45	25.00%	8100		0	1	4	45 JB		7400
Di-n-octylphthalate	UG/KG	0	0.00%	50000	10512000	0	0	4	470 U		7400
Dibenz[a,h]anthracene	UG/KG	4600	100.00%	14	784	1	4	4	350 J		
Dibenzofuran	UG/KG	440	100.00%	6200	2102400	0	4	4	29 J		440
Diethyl phthalate	UG/KG	0	0.00%	7100	420480000	0	0	4	470 U		7400
Dimethylphthalate	UG/KG	0	0.00%	2000	5256000000	0	0	4	470 U		7400
Fluoranthene	UG/KG	35000	100.00%	50000	21024000	0	4	4	3200		35000
Fluorene	UG/KG	1100	100.00%	50000	21024000	0	4	4	83 J		1100
Hexachlorobenzene	UG/KG	0	0.00%	410	3577	0	0	4	470 U		7400
Hexachlorobutadiene	UG/KG	0	0.00%		73374	0	0	4	470 U		7400

Table 34-3
SEAD-1211 - Semivolatiles/TPH in Soil vs PRG-IND
Non Evaluated Sites

2/18/99

SITE DESCRIPTION									SEAD-1211	SEAD-1211	
LOC ID									SS1211-1	SS1211-2	
SAMP_ID									EB147	EB150	
QC CODE									SA	SA	
SAMP DEPTH TOP									0	0	
SAMP DEPTH BOT									0.2	0.2	
MATRIX									SOIL	SOIL	
SAMP DATE									10-Mar-98	10-Mar-98	
PARAMETER	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYSDEC TAGM	PRG-IND	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	VALUE	Q	VALUE
Hexachlorocyclopentadiene	UG/KG	0	0 00%		3679200	0	0	4	470	U	7400
Hexachloroethane	UG/KG	0	0 00%		408800	0	0	4	470	U	7400
Indeno[1,2,3-cd]pyrene	UG/KG	8000	100 00%	3200	7840	1	4	4	760		8000
Isophorone	UG/KG	0	0 00%	4400		0	0	4	470	U	7400
N-Nitrosodiphenylamine	UG/KG	0	0 00%		1168000	0	0	4	470	U	7400
N-Nitrosodipropylamine	UG/KG	0	0 00%		818	0	0	4	470	U	7400
Naphthalene	UG/KG	51	25 00%	13000	21024000	0	1	4	470	U	7400
Nitrobenzene	UG/KG	0	0 00%	200	262800	0	0	4	470	U	7400
Pentachlorophenol	UG/KG	0	0 00%	1000	47693	0	0	4	1100	U	18000
Phenanthrene	UG/KG	15000	100 00%	50000		0	4	4	1200		15000
Phenol	UG/KG	0	0 00%	30	315360000	0	0	4	470	U	7400
Pyrene	UG/KG	23000	100 00%	50000	15768000	0	4	4	2700		23000
TPH	MG/KG	452	75 00%			0	3	4	43.9		108

Table 34-3
SEAD-1211 - Semivolatiles/TPH in Soil vs PRG-IND
Non Evaluated Sites

2/18/99

SITE DESCRIPTION		SEAD-1211		SEAD-1211	
LOC ID		SS1211-3		SS1211-4	
SAMP_ID		EB149		EB148	
QC CODE		SA		SA	
SAMP DEPTH TOP		0		0	
SAMP DEPTH BOT		0.2		0.2	
MATRIX		SOIL		SOIL	
SAMP DATE		35864		35864	
PARAMETER	UNIT Q	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG U	770	U	550	U
1,2-Dichlorobenzene	UG/KG U	770	U	550	U
1,3-Dichlorobenzene	UG/KG U	770	U	550	U
1,4-Dichlorobenzene	UG/KG U	770	U	550	U
2,4,5-Trichlorophenol	UG/KG U	1900	U	1300	U
2,4,6-Trichlorophenol	UG/KG U	770	U	550	U
2,4-Dichlorophenol	UG/KG U	770	U	550	U
2,4-Dimethylphenol	UG/KG U	770	U	550	U
2,4-Dinitrophenol	UG/KG U	1900	U	1300	U
2,4-Dinitrotoluene	UG/KG U	770	U	550	U
2,6-Dinitrotoluene	UG/KG U	770	U	550	U
2-Chloronaphthalene	UG/KG U	770	U	550	U
2-Chlorophenol	UG/KG U	770	U	550	U
2-Methylnaphthalene	UG/KG U	54	J	550	U
2-Methylphenol	UG/KG U	770	U	550	U
2-Nitroaniline	UG/KG U	1900	U	1300	U
2-Nitrophenol	UG/KG U	770	U	550	U
3,3'-Dichlorobenzidine	UG/KG U	770	U	550	U
3-Nitroaniline	UG/KG U	1900	U	1300	U
4,6-Dinitro-2-methylphenol	UG/KG U	1900	U	1300	U
4-Bromophenyl phenyl ether	UG/KG U	770	U	550	U
4-Chloro-3-methylphenol	UG/KG U	770	U	550	U
4-Chloroaniline	UG/KG U	770	U	550	U
4-Chlorophenyl phenyl ether	UG/KG U	770	U	550	U
4-Methylphenol	UG/KG U	770	U	550	U
4-Nitroaniline	UG/KG U	1900	U	1300	U
4-Nitrophenol	UG/KG U	1900	U	1300	U
Acenaphthene	UG/KG J	140	J	320	J
Acenaphthylene	UG/KG U	770	U	550	U
Anthracene	UG/KG J	220	J	230	J
Benzo[a]anthracene	UG/KG B	1600	B	1700	B
Benzo[a]pyrene	UG/KG B	1800	B	1600	B
Benzo[b]fluoranthene	UG/KG B	2100	B	1700	B
Benzo[ghi]perylene	UG/KG B	1600	B	940	B
Benzo[k]fluoranthene	UG/KG B	2500	B	1800	B
Bis(2-Chloroethoxy)methane	UG/KG U	770	U	550	U
Bis(2-Chloroethyl)ether	UG/KG U	770	U	550	U
Bis(2-Chloroisopropyl)ether	UG/KG U	770	U	550	U
Bis(2-Ethylhexyl)phthalate	UG/KG U	230	J	47	JB
Butylbenzylphthalate	UG/KG U	770	U	550	U
Carbazole	UG/KG J	320	J	380	J
Chrysene	UG/KG B	2000	B	1900	B
Di-n-butylphthalate	UG/KG U	770	U	550	U
Di-n-octylphthalate	UG/KG U	770	U	550	U
Dibenz[a,h]anthracene	UG/KG J	720	J	420	J
Dibenzofuran	UG/KG J	42	J	63	J
Diethyl phthalate	UG/KG U	770	U	550	U
Dimethylphthalate	UG/KG U	770	U	550	U
Fluoranthene	UG/KG B	4000	B	4100	B
Fluorene	UG/KG J	98	J	160	J
Hexachlorobenzene	UG/KG U	770	U	550	U
Hexachlorobutadiene	UG/KG U	770	U	550	U

Table 34.3
SEAD-1211 - Semivolatiles/TPH in Soil vs PRG-IND
Non Evaluated Sites

2/18/99

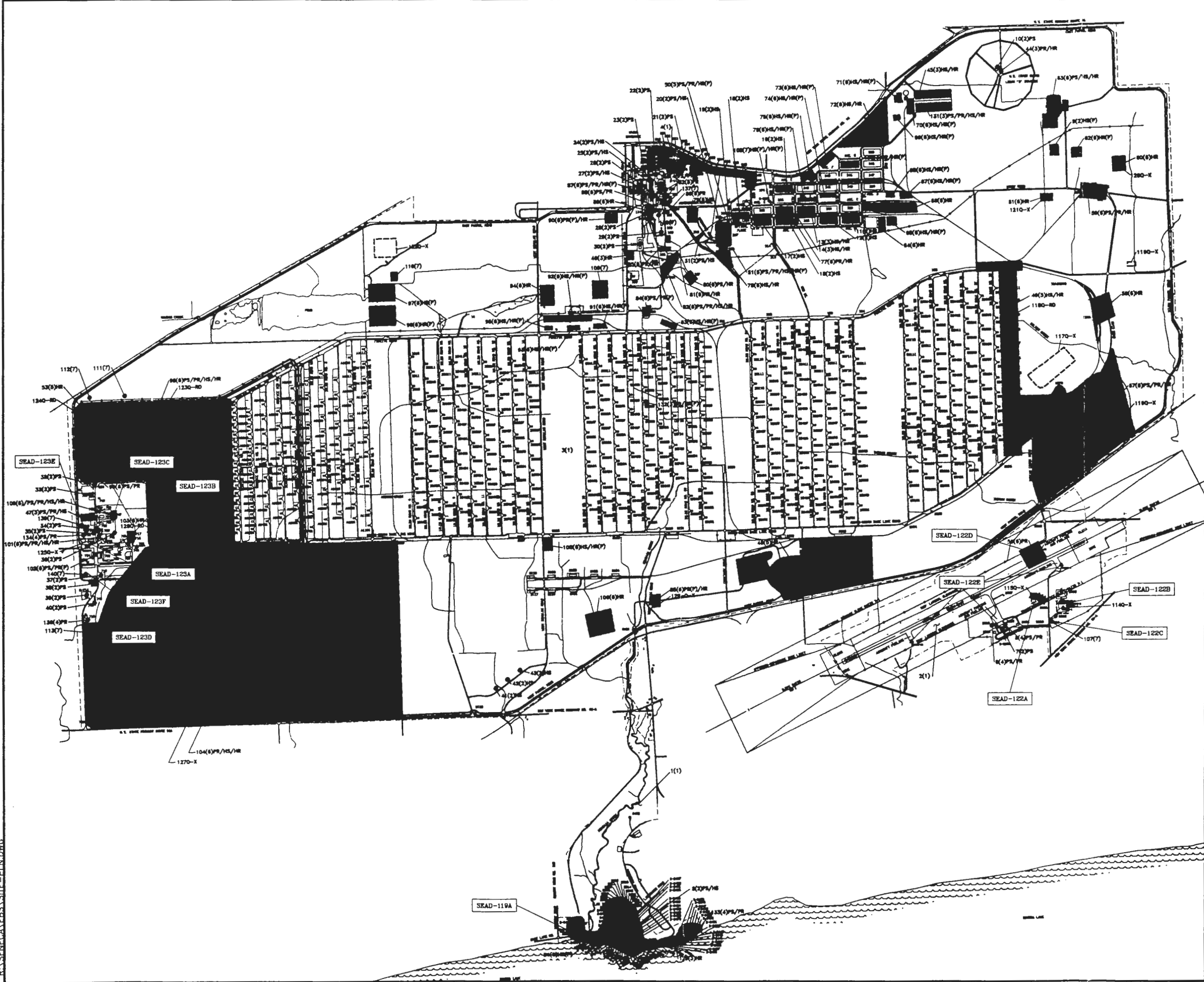
SITE DESCRIPTION		SEAD-1211		SEAD-1211	
LOC ID		SS1211-3		SS1211-4	
SAMP_ID		EB149		EB148	
QC CODE		SA		SA	
SAMP_DEPTH TOP		0		0	
SAMP_DEPTH BOT		0 2		0 2	
MATRIX		SOIL		SOIL	
SAMP_DATE		35864		35864	
PARAMETER	UNIT	Q	VALUE	Q	VALUE
Hexachlorocyclopentadiene	UG/KG	U	770	U	550
Hexachloroethane	UG/KG	U	770	U	550
Indeno[1,2,3-cd]pyrene	UG/KG	B	1600	B	950
Isophorone	UG/KG	U	770	U	550
N-Nitrosodiphenylamine	UG/KG	U	770	U	550
N-Nitrosodipropylamine	UG/KG	U	770	U	550
Naphthalene	UG/KG	U	770	U	51
Nitrobenzene	UG/KG	U	770	U	550
Pentachlorophenol	UG/KG	U	1900	U	1300
Phenanthrene	UG/KG	B	1400	B	1800
Phenol	UG/KG	U	770	U	550
Pyrene	UG/KG	B	3000	B	3200
TPH	MG/KG		452		20 3

Table 34-4
SEAD-1211 -Semi-volatile/TPH in Sediment vs NYS Criteria
Non-Evaluated Sites

2/18/99

SITE DESCRIPTION LOC ID SAMP_ID QC CODE SAMP DEPTH TOP SAMP DEPTH BOT MATRIX SAMP DATE	UNIT	FREQUENCY OF DETECTION			CRITERIA TYPE	LEVEL	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-1211 SS1211-1 EB151 SA 0 0.2 SEDIMENT 10-Mar-98		SEAD-1211 SS1211-2 EB152 SA 0 0.2 SEDIMENT 10-Mar-98	
		MAXIMUM	DETECTION	CRITERIA TYPE						VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
1,2-Dichlorobenzene	UG/KG	0	0.00%	NYS BENTHIC AQUATIC LIFE CHRONIC TOXICITY CRITERIA	12000	0	0	2	480 U		4400 U		
1,3-Dichlorobenzene	UG/KG	0	0.00%	NYS BENTHIC AQUATIC LIFE CHRONIC TOXICITY CRITERIA	12000	0	0	2	480 U		4400 U		
1,4-Dichlorobenzene	UG/KG	0	0.00%	NYS BENTHIC AQUATIC LIFE CHRONIC TOXICITY CRITERIA	12000	0	0	2	480 U		4400 U		
2,4,5-Trichlorophenol	UG/KG	0	0.00%			0	0	2	1200 U		11000 U		
2,4,6-Trichlorophenol	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
2,4-Dichlorophenol	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
2,4-Dimethylphenol	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
2,4-Dinitrophenol	UG/KG	0	0.00%			0	0	2	1200 U		11000 U		
2,4-Dinitrotoluene	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
2,6-Dinitrotoluene	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
2-Chloronaphthalene	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
2-Chlorophenol	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
2-Methylnaphthalene	UG/KG	33	50.00%			0	1	2	33 J		4400 U		
2-Methylphenol	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
2-Nitroanisole	UG/KG	0	0.00%			0	0	2	1200 U		11000 U		
2-Nitrophenol	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
3,3'-Dichlorobenzidine	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
3-Nitroanisole	UG/KG	0	0.00%			0	0	2	1200 U		11000 U		
4,6-Dinitro-2-methylphenol	UG/KG	0	0.00%			0	0	2	1200 U		11000 U		
4-Bromophenyl phenyl ether	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
4-Chloro-3-methylphenol	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
4-Chloroanisole	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
4-Chlorophenyl phenyl ether	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
4-Methylphenol	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
4-Nitroanisole	UG/KG	0	0.00%			0	0	2	1200 U		11000 U		
4-Nitrophenol	UG/KG	0	0.00%			0	0	2	1200 U		11000 U		
Acenaphthene	UG/KG	390	100.00%	NYS BENTHIC AQUATIC LIFE CHRONIC TOXICITY CRITERIA	140000	0	2	2	140 J		390 J		
Acenaphthylene	UG/KG	420	50.00%			0	1	2	480 U		4400 U		
Anthracene	UG/KG	1800	100.00%			0	2	2	1800 J		1800 J		
Benzo[a]anthracene	UG/KG	14000	100.00%	NYS HUMAN HEALTH BIOACCUMULATION CRITERIA	1300	1	2	2	1300 B		1300 B		
Benzo[a]pyrene	UG/KG	16000	100.00%	NYS HUMAN HEALTH BIOACCUMULATION CRITERIA	1300	1	2	2	1300 B		1300 B		
Benzo[b]fluoranthene	UG/KG	22000	100.00%	NYS HUMAN HEALTH BIOACCUMULATION CRITERIA	1300	2	2	2	2200 B		2200 B		
Benzo[ghi]perylene	UG/KG	12000	100.00%			0	2	2	840 B		12000 B		
Benzo[k]fluoranthene	UG/KG	23000	100.00%	NYS HUMAN HEALTH BIOACCUMULATION CRITERIA	1300	2	2	2	2300 B		2300 B		
Bis(2-Chloroethoxy)methane	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
Bis(2-Chloroethyl)ether	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
Bis(2-Chloroisopropyl)ether	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
Bis(2-Ethylhexyl)phthalate	UG/KG	25	50.00%	NYS BENTHIC AQUATIC LIFE CHRONIC TOXICITY CRITERIA	200000	0	1	2	25 J		4400 U		
Butylbenzylphthalate	UG/KG	0	0.00%			0	2	2	480 U		4400 U		
Carbazole	UG/KG	1600	100.00%			0	2	2	410 J		1600 J		
Chrysene	UG/KG	25000	100.00%	NYS HUMAN HEALTH BIOACCUMULATION CRITERIA	1300	2	2	2	25000 B		25000 B		
Di-n-butylphthalate	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
Di-n-octylphthalate	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
Dibenz[a,h]anthracene	UG/KG	5000	100.00%			0	2	2	400 J		5000		
Dibenzofuran	UG/KG	58	50.00%			0	1	2	58 J		4400 U		
Diethyl phthalate	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
Dimethylphthalate	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
Fluoranthene	UG/KG	24000	100.00%	NYS BENTHIC AQUATIC LIFE CHRONIC TOXICITY CRITERIA	102000	0	2	2	3400 B		24000 B		
Fluorene	UG/KG	360	100.00%			0	2	2	130 J		360 J		
Hexachlorobenzene	UG/KG	0	0.00%	NYS HUMAN HEALTH BIOACCUMULATION CRITERIA	150	0	0	2	480 U		4400 U		
Hexachlorobutadiene	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
Hexachlorocyclopentadiene	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
Hexachloroethane	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
Indeno[1,2,3-cd]pyrene	UG/KG	12000	100.00%	NYS HUMAN HEALTH BIOACCUMULATION CRITERIA	1300	1	2	2	850 B		850 B		
Isophorone	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
N-Nitrosodiphenylamine	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
N-Nitrosodipropylamine	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
Naphthalene	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
Nitrobenzene	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
Pentachlorophenol	UG/KG	0	0.00%			0	0	2	1200 U		11000 U		
Phenanthrene	UG/KG	4400	100.00%	NYS BENTHIC AQUATIC LIFE CHRONIC TOXICITY CRITERIA	120000	0	2	2	1600 B		4400 JB		
Phenol	UG/KG	0	0.00%			0	0	2	480 U		4400 U		
Pyrene	UG/KG	17000	100.00%			0	2	2	2700 B		17000 B		
TPH	MG/KG	370	100.00%			0	2	2	136		370		

FIGURES



LEGEND:

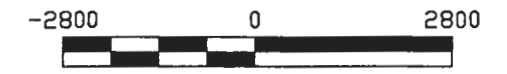
SEAD-122A NON-EVALUATED EBS SITE

BRAC PARCEL LABEL DEFINITIONS

8(2)PS	
CONSTRUCTION DESCRIPTION	PS PETROLEUM STORAGE PR PETROLEUM RELEASE OR DISPOSAL HS HAZARDOUS SUBSTANCE STORAGE HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL (P) POSSIBLE (UNVERIFIED)
CATEGORY NUMBER	(P)
PARCEL NUMBER	

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

8-19Q-A(P)	
QUALIFIERS	A ASBESTOS-CONTAINING MATERIAL L LEAD-BASED PAINT P PCB R RADON U UXO AND/OR ORDNANCE FRAGMENTS X RADIOLOGICALS (P) POSSIBLE (UNVERIFIED)
QUALIFIED	
FACILITY NUMBER (IF APPLICABLE)	
PARCEL NUMBER	



SCALE: 1" = 2800'

P PARSONS
PARSONS ENGINEERING SCIENCE, INC.

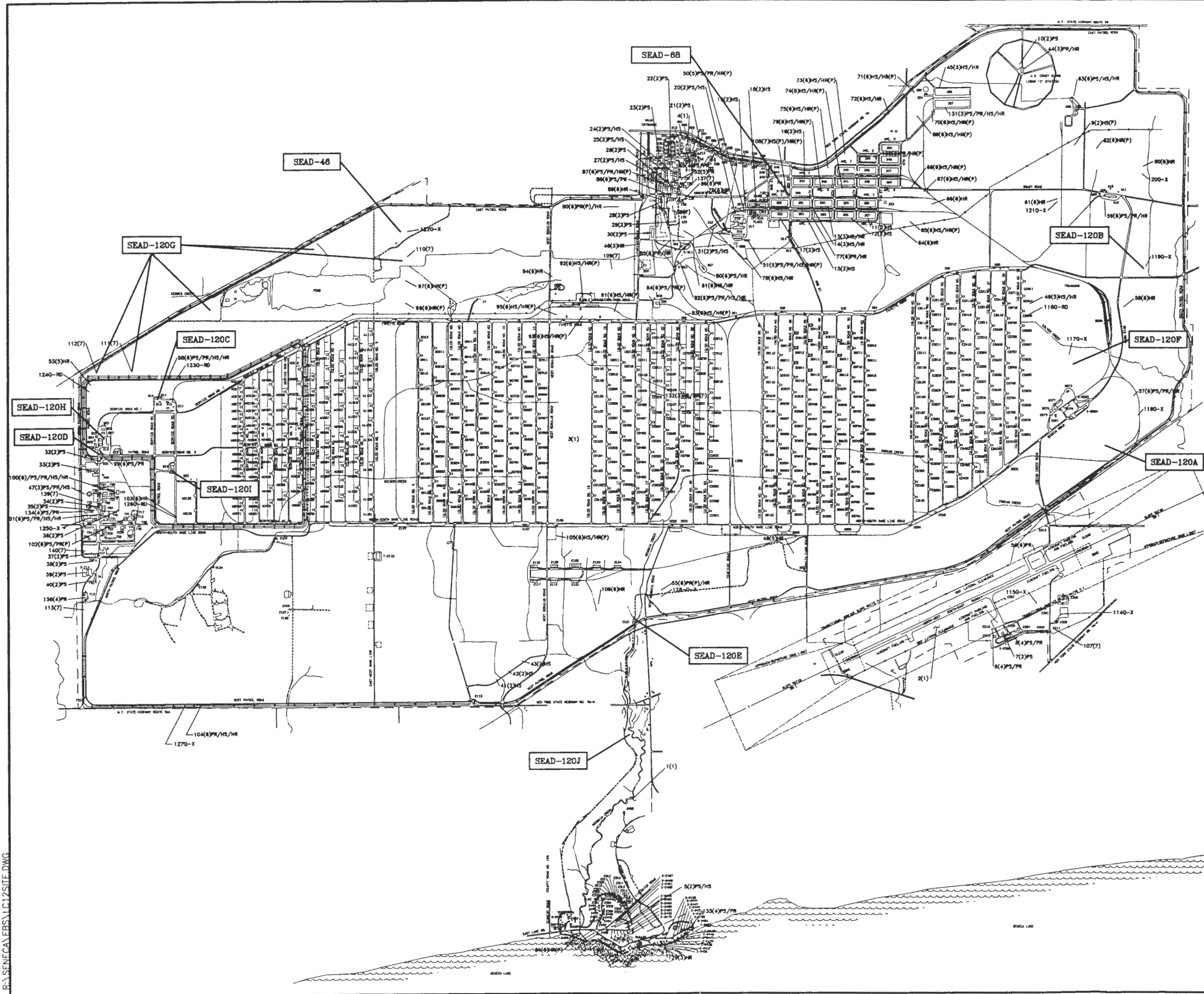
CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
INVESTIGATION OF NON-EVALUATED SITES**

DEPT. ENVIRONMENTAL ENGINEERING Dep. No.

**FIGURE 1-1
LOCATION OF PRIORITY
NON-EVALUATED EBS SITES**

SCALE 1" = 2800' DATE FEBRUARY 1999 REV A

R:\3 SENACA EBS SITE - PLAN.DWG



LEGEND:

SEAD-122A NON-EVALUATED EBS SITE

BRAC PARCEL LABEL DEFINITIONS

8(2)PS

CONTINUATION DESCRIPTION	PS PETROLEUM STORAGE
	PR PETROLEUM RELEASE OR DISPOSAL
	HS HAZARDOUS SUBSTANCE STORAGE
	HR HAZARDOUS SUBSTANCE RELEASE
	(P) POSSIBLE (UNVERIFIED)

CATEGORY NUMBER

PARCEL NUMBER

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

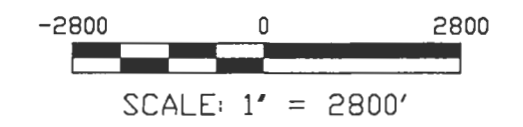
8-190-A(P)

QUALIFIERS	A ASBESTOS-CONTAINING MATERIAL
	L LEAD-BASED PAINT
	P PCB
	R RADON
	X UXO AND/OR ORDNANCE FRAGMENTS
	RD RADIONUCLIDES
	(P) POSSIBLE (UNVERIFIED)

QUALIFIED

FACILITY NUMBER (IF APPLICABLE)

PARCEL NUMBER



PARSONS
PARSONS ENGINEERING SCIENCE, INC.

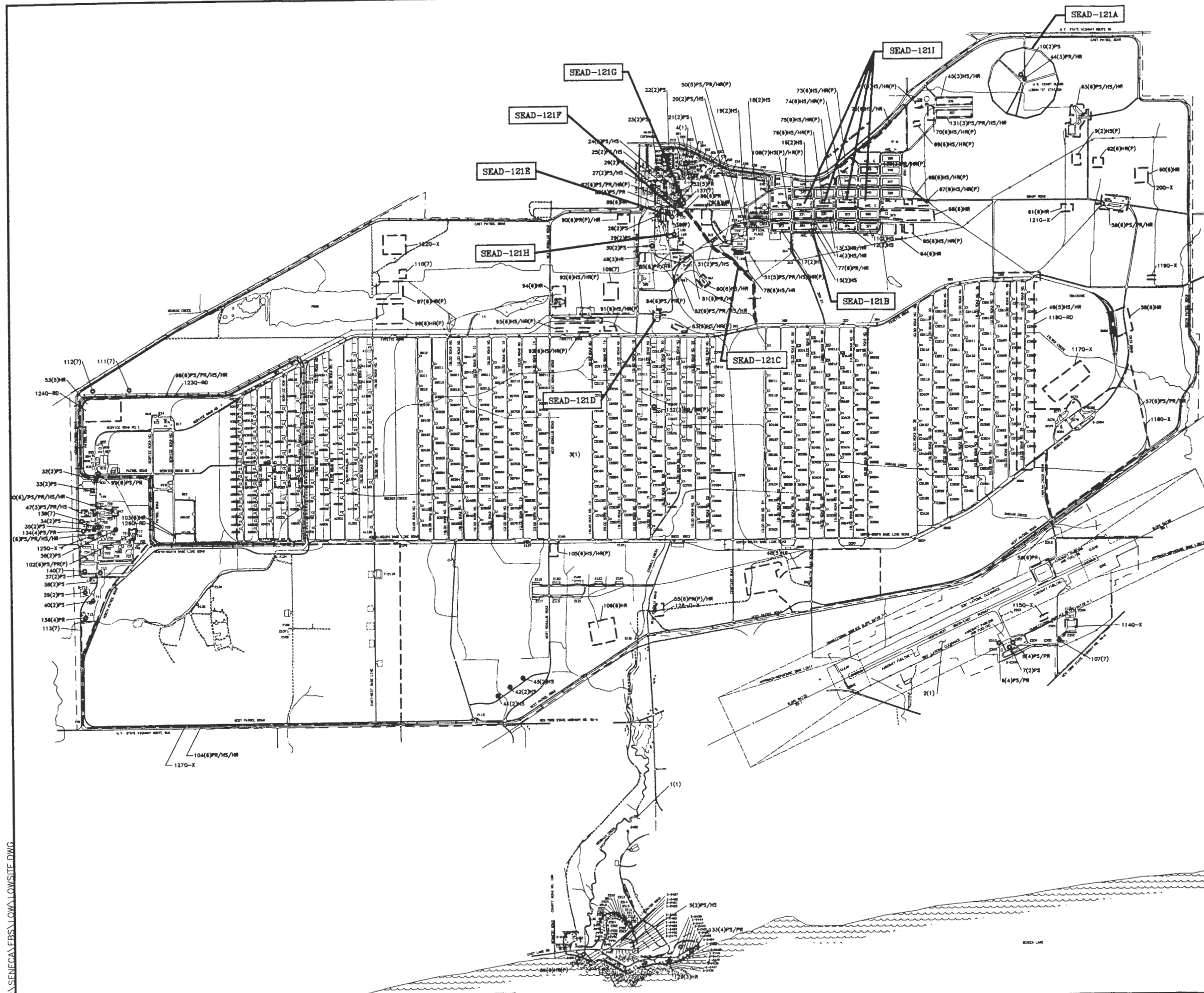
CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
 ENVIROMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES**

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

**FIGURE 1-2
 LOCATION OF 12 MODERATE
 NON-EVALUATED EBS SITES**

SCALE 1" = 2800' DATE FEBRUARY 1999 REV NA

R:\SENECA\EBS\1C12SITE.DWG



LEGEND:

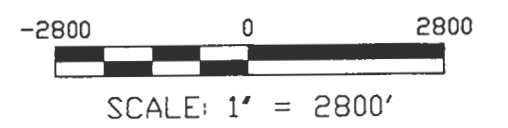
SEAD-121B NON-EVALUATED EBS SITE

BRAC PARCEL LABEL DEFINITIONS
 8(2)PS
 CONTAMINATION DESCRIPTION
 CATEGORY NUMBER
 PARCEL NUMBER

PS	PETROLEUM STORAGE
PR	PETROLEUM RELEASE OR DISPOSAL
HS	HAZARDOUS SUBSTANCE STORAGE
HR	HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
(P)	POSSIBLE (UNVERIFIED)

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS
 8-19Q-A(P)
 QUALIFIERS
 QUALIFIED
 FACILITY NUMBER (IF APPLICABLE)
 PARCEL NUMBER

A	ASBESTOS-CONTAINING MATERIAL
L	LEAD-BASED PAINT
P	PCB
R	RADON
X	LOAD AND/OR ORDNANCE FRAGMENTS
RD	RADIONUCLIDES
(P)	POSSIBLE (UNVERIFIED)



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CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES**

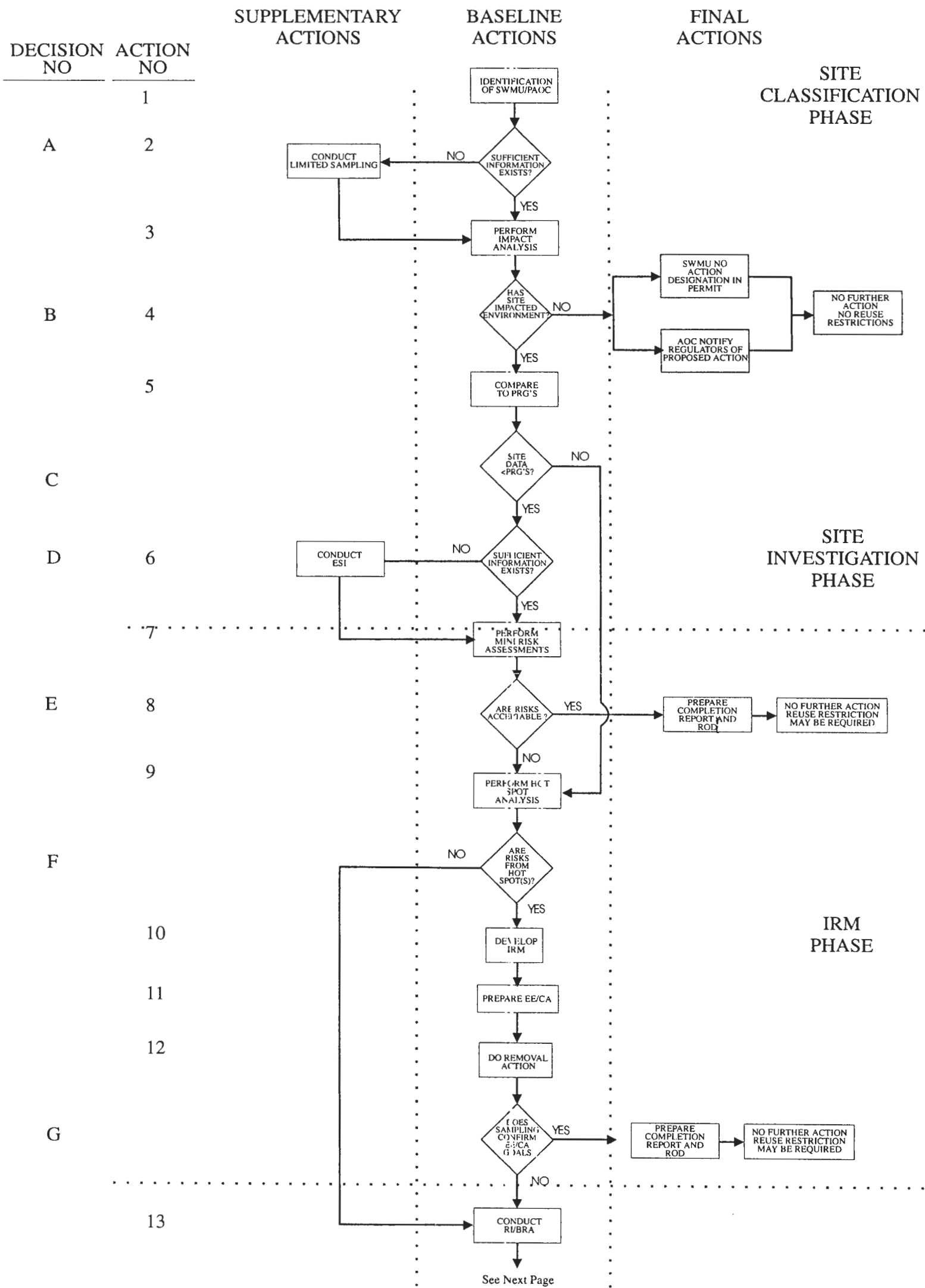
DEPT. **ENVIRONMENTAL ENGINEERING** Dwg. No.

**FIGURE 1-3
 LOCATION OF 9 LOW PRIORITY
 NON-EVALUATED EBS SITES**

SCALE 1" = 2800' DATE **FEBRUARY 1999** REV **NA**

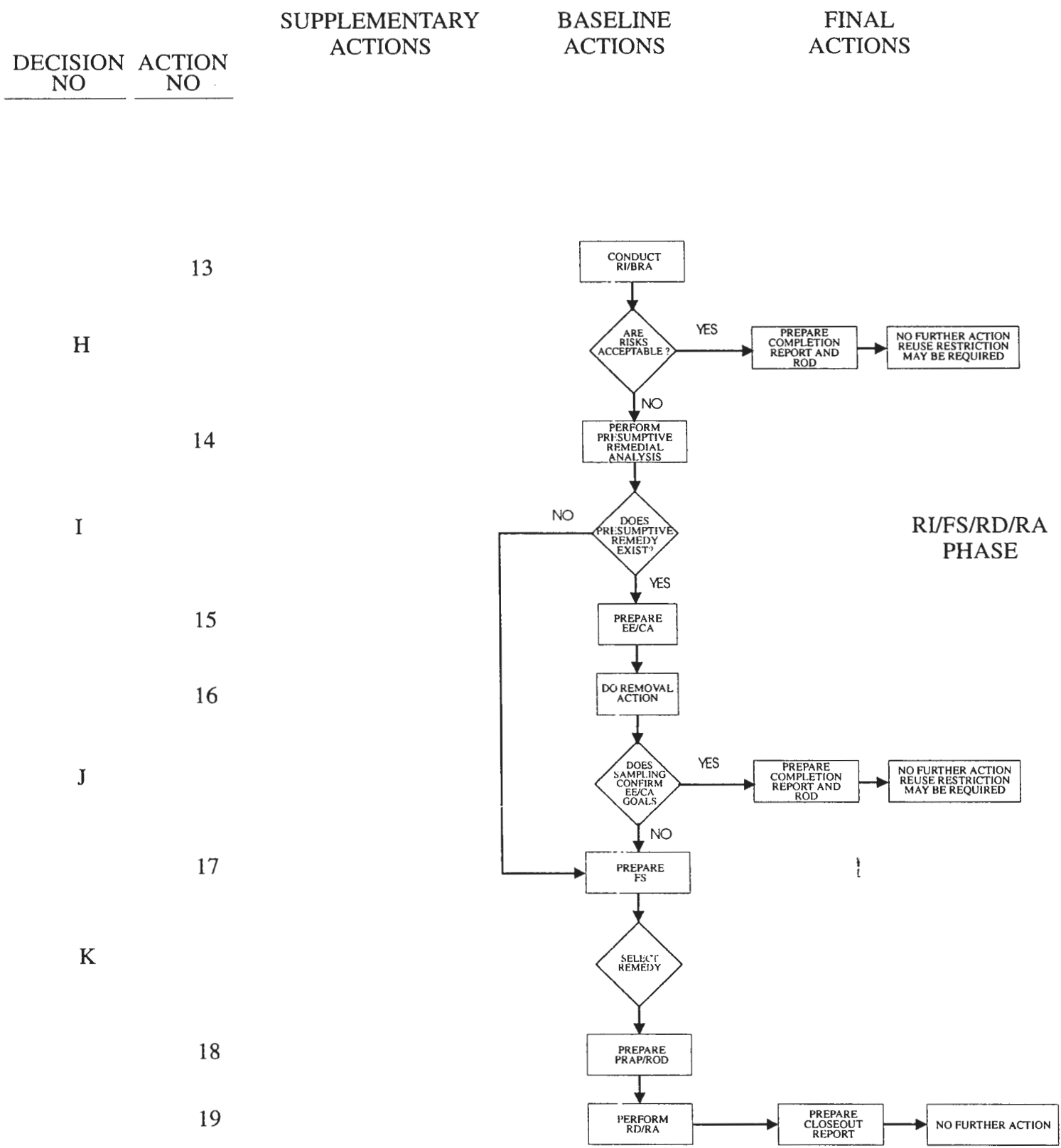
BA-SENECA EBS\LOW PRIORITY SITES.DWG

SENECA ARMY DEPOT ACTIVITY Decision Criteria Flowchart



PARSONS	
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CLIENT/PROJECT TITLE	
SENECA ARMY DEPOT ACTIVITY	
DEPT. ENVIRONMENTAL ENGINEERING	DWG NO.
FIGURE 1-4 Decision Criteria Remediation Flowchart	
Page 1 of 2	
SCALE: N/A	DATE: MARCH 1998

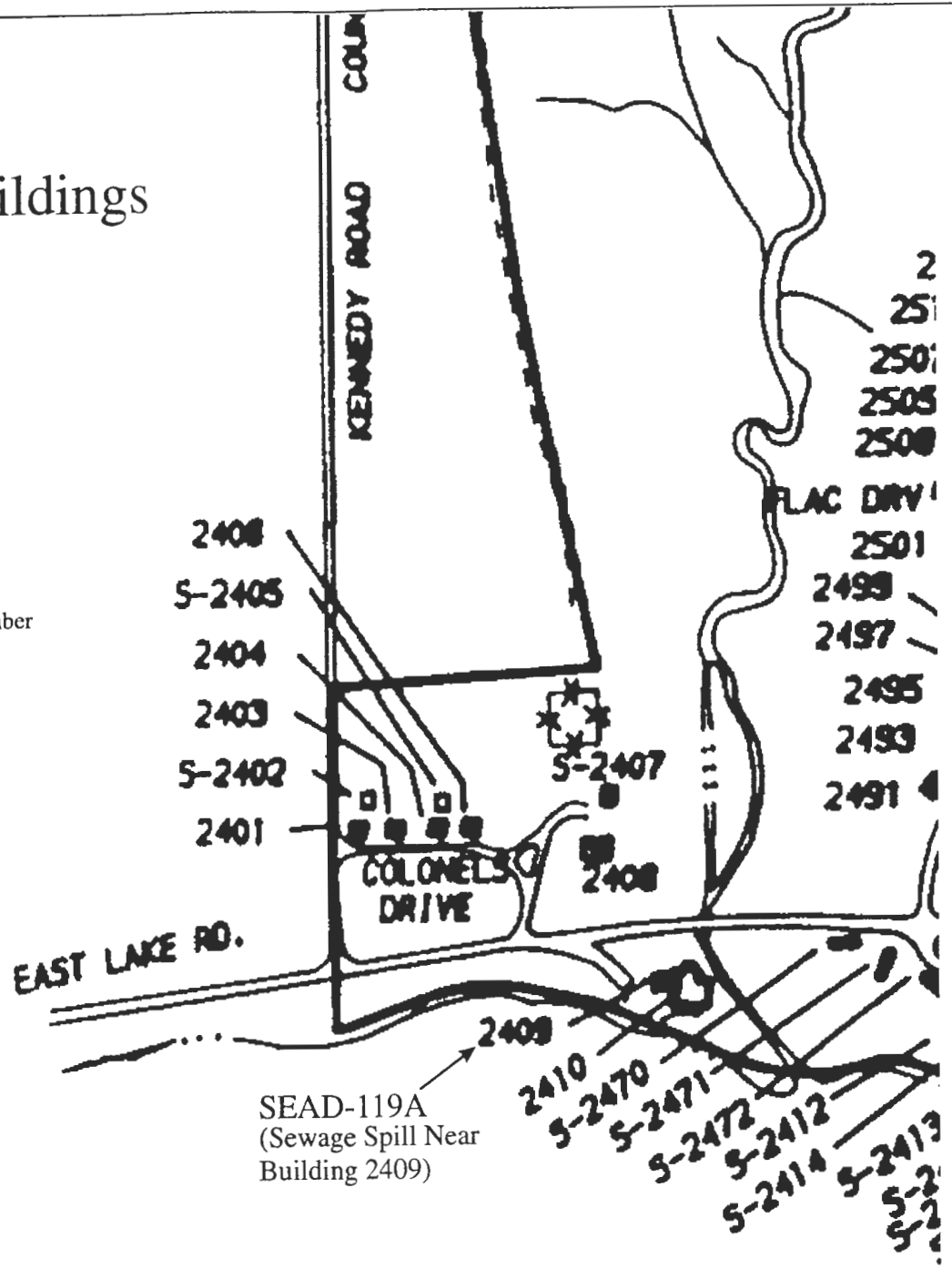
SENECA ARMY DEPOT ACTIVITY Decision Criteria Flowchart



PARSONS	
PARSONS ENGINEERING SCIENCE, INC.	
CLIENT/PROJECT TITLE	
SENECA ARMY DEPOT ACTIVITY	
DEPT	DWG NO
ENVIRONMENTAL ENGINEERING	
FIGURE 1-4 Decision Criteria Remediation Flowchart	
Page 2 of 2	
SCALE	DATE
N/A	MARCH 1998

Buildings

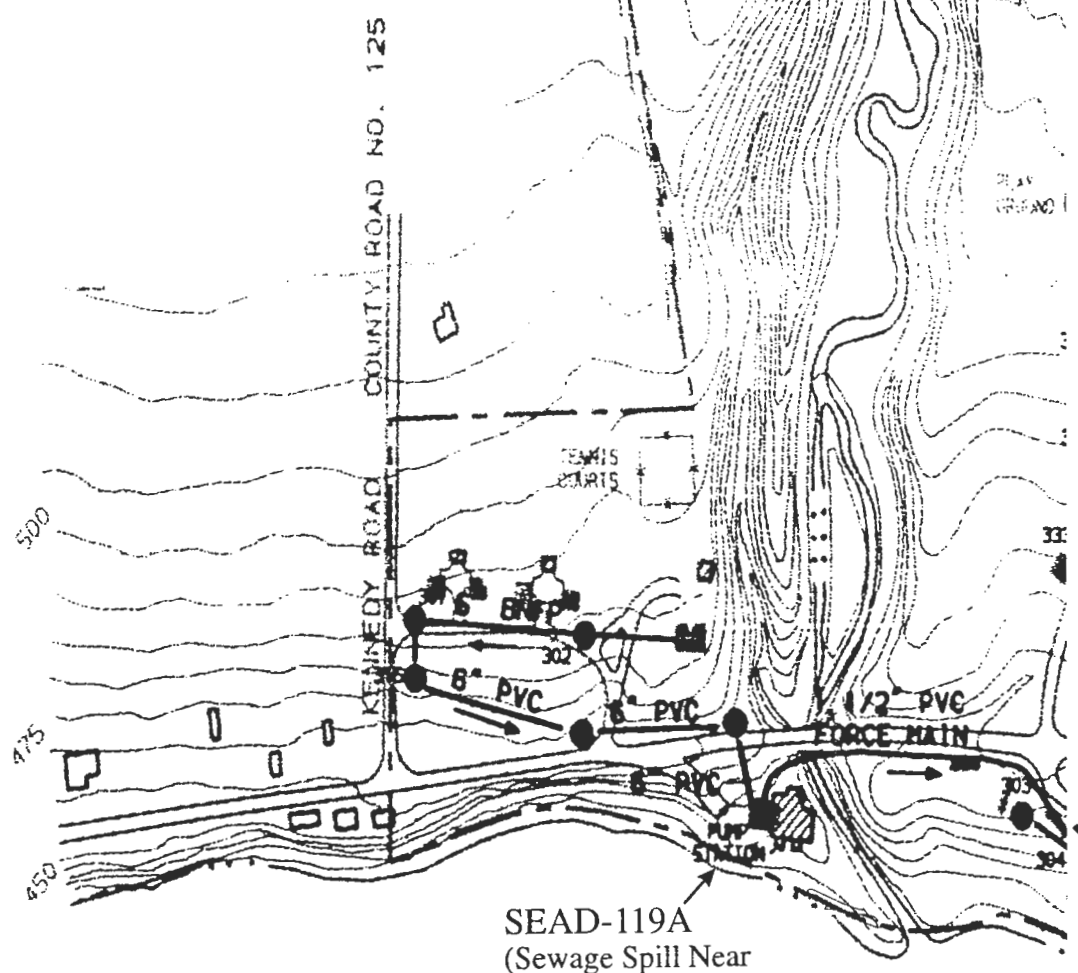
Legend:
2406 - building number



SEAD-119A
(Sewage Spill Near Building 2409)

Seneca Lake

Sanitary Sewers



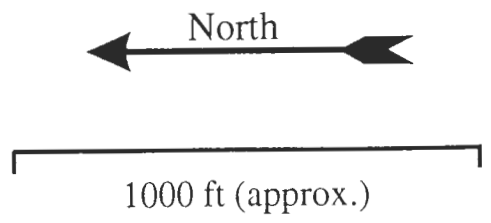
SEAD-119A
(Sewage Spill Near Building 2409)

Legend:
● sanitary sewer manhole
PVC - polyvinyl chloride
BNFP - bitumous non-perforated fiber pipe
→ direction of flow in sanitary sewer

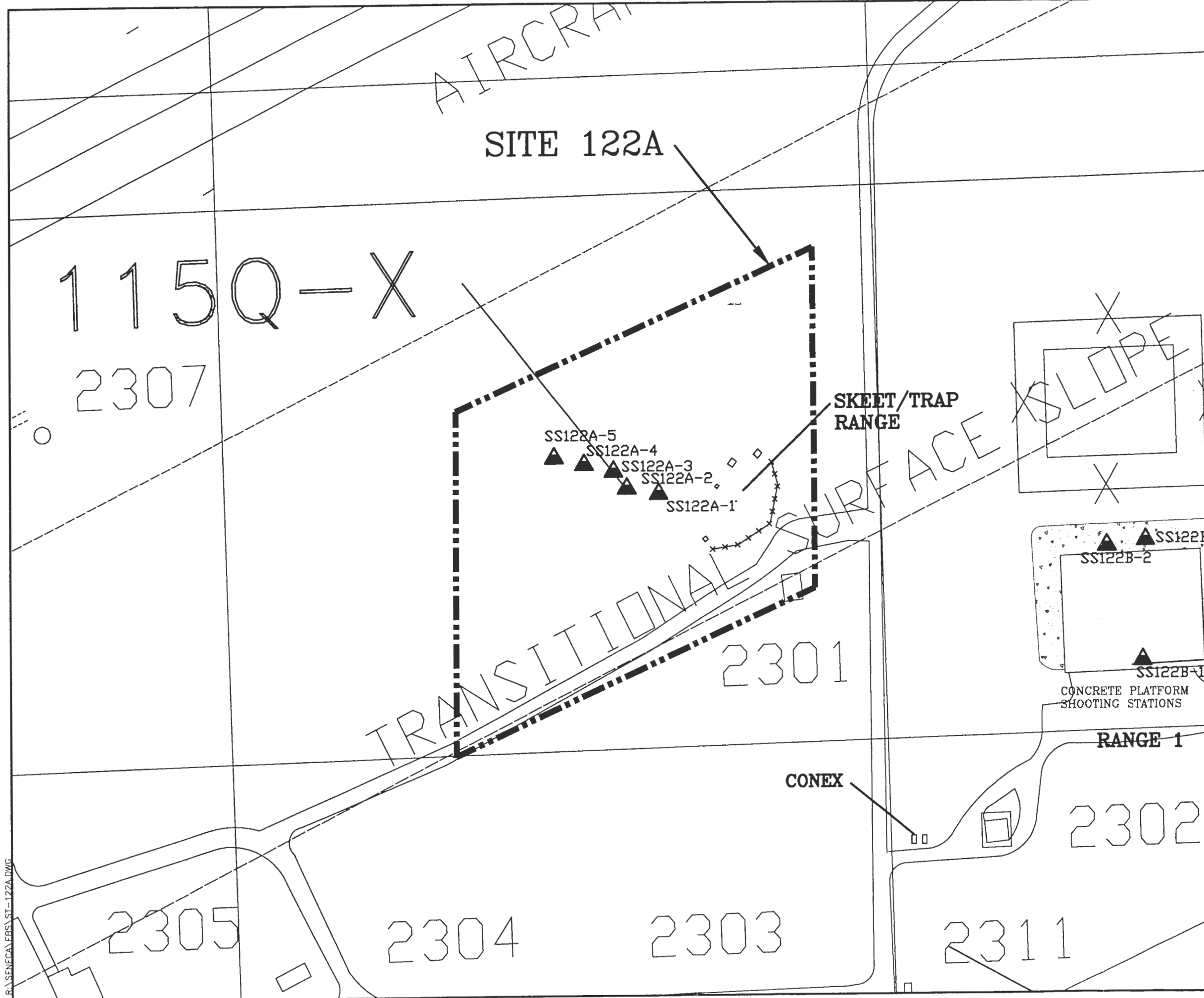
Eventually Discharges to Seneca County District No. 1 Treatment Plant

Seneca Lake

For both maps:



PARSONS PARSONS ENGINEERING SCIENCE, INC.	
CLIENT/PROJECT TITLE SENECA ARMY DEPOT ACTIVITY Environmental Baseline Survey Priority Non-Evaluated Sites	
DEPT. ENVIRONMENTAL ENGINEERING	DWG NO. 733193-01001
FIGURE 2-1 Buildings and Sanitary Sewers Near SEAD-119A	
SCALE As Indicated on Maps	DATE April 1998



- LEGEND:**
- BUILDINGS
 - SURFACE SOIL SAMPLE
 - SS122A-1
 - CHAIN LINK FENCE

BRAC PARCEL LABEL DEFINITIONS

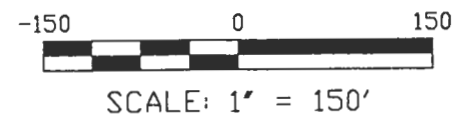
B(2)PS

CONTAMINATION DESCRIPTION	PS	PETROLEUM STORAGE
	PR	PETROLEUM RELEASE OR DISPOSAL
	HS	HAZARDOUS SUBSTANCE STORAGE
	HR	HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
CATEGORY NUMBER	(P)	POSSIBLE (UNVERIFIED)
PARCEL NUMBER		

NON-CERCLA (ISSUE (QUALIFIED) LABEL DEFINITIONS

B-190-A(P)

QUALIFIERS	A	ASBESTOS-CONTAINING MATERIAL
	L	LEAD-BASED PAINT
	P	PCB
	R	RADON
	X	UXO AND/OR ORDNANCE FRAGMENTS
	RD	RADIONUCLIDES
QUALIFIED	(P)	POSSIBLE (UNVERIFIED)
FACILITY NUMBER (IF APPLICABLE)		
PARCEL NUMBER		



PARSONS
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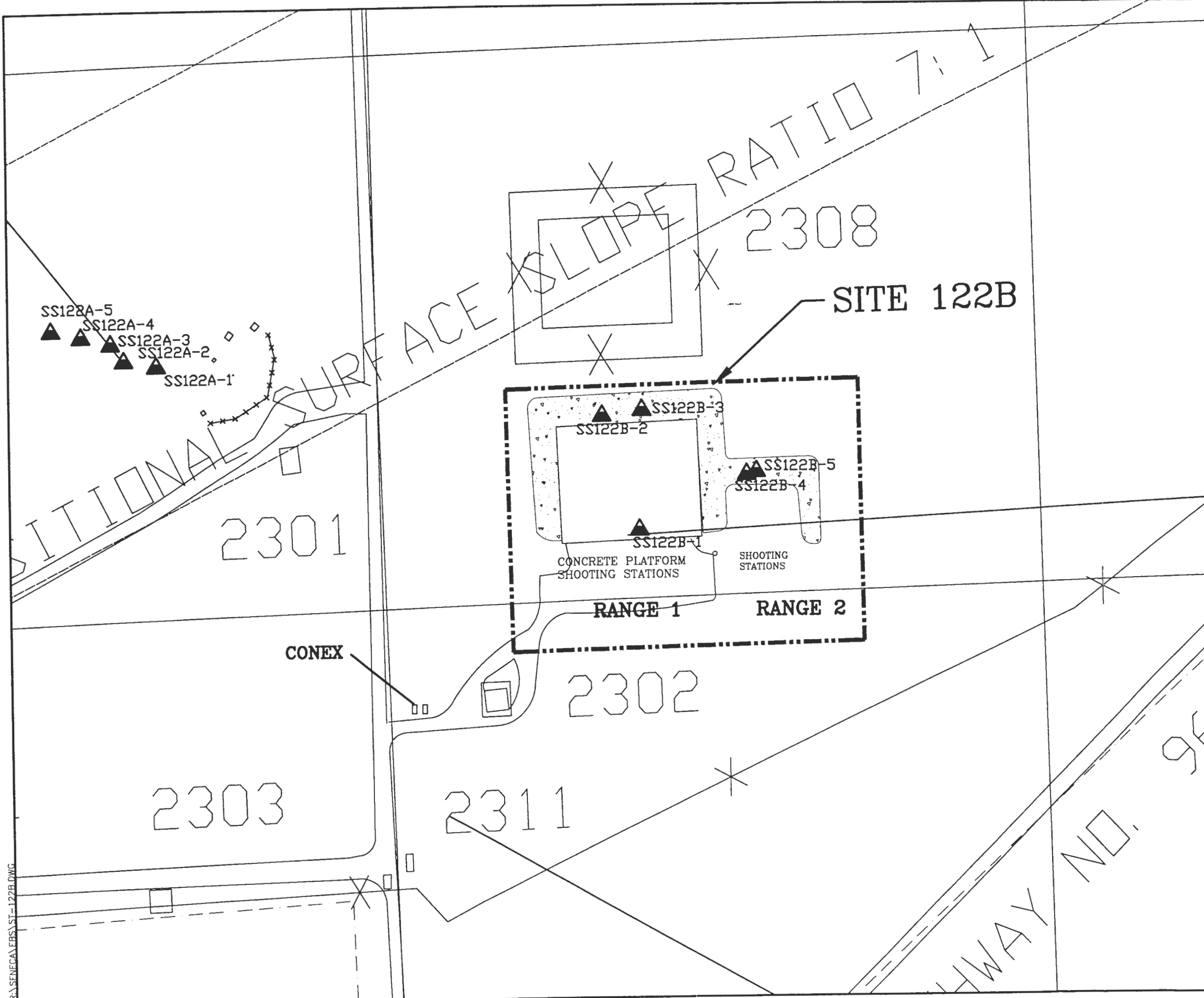
CLIENT/PROJECT TITLE
SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 3-1
 SITE FEATURES AND SAMPLE LOCATIONS
 AT EBS SITE 122A SKEET/TRAP RANGE

SCALE: 1" = 150' DATE: FEBRUARY 1999 REV: A

R:\SENECA\EBS\ST-122A.DWG



LEGEND:

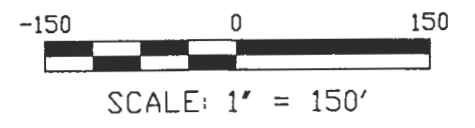
- ▲ SS122B-1 SURFACE SOIL SAMPLE
- ▭ SOIL BERM

BRAC PARCEL LABEL DEFINITIONS
8(2)PS

CONDAMINATION DESCRIPTION	PS PETROLEUM STORAGE
	PR PETROLEUM RELEASE OR DISPOSAL
	HS HAZARDOUS SUBSTANCE STORAGE
	HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
CATEGORY NUMBER	(P) POSSIBLE (UNVERIFIED)
PARCEL NUMBER	

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS
8-19Q-A(P)

QUALIFIERS	A ASBESTOS-CONTAINING MATERIAL
	L LEAD-BASED PAINT
	P PCBs
	R RADON
	X UXO AND/OR ORDNANCE FRAGMENTS
	RD RADIONUCLIDES
QUALIFIED	(P) POSSIBLE (UNVERIFIED)
FACILITY NUMBER (IF APPLICABLE)	
PARCEL NUMBER	



PARSONS
PARSONS ENGINEERING SCIENCE, INC.

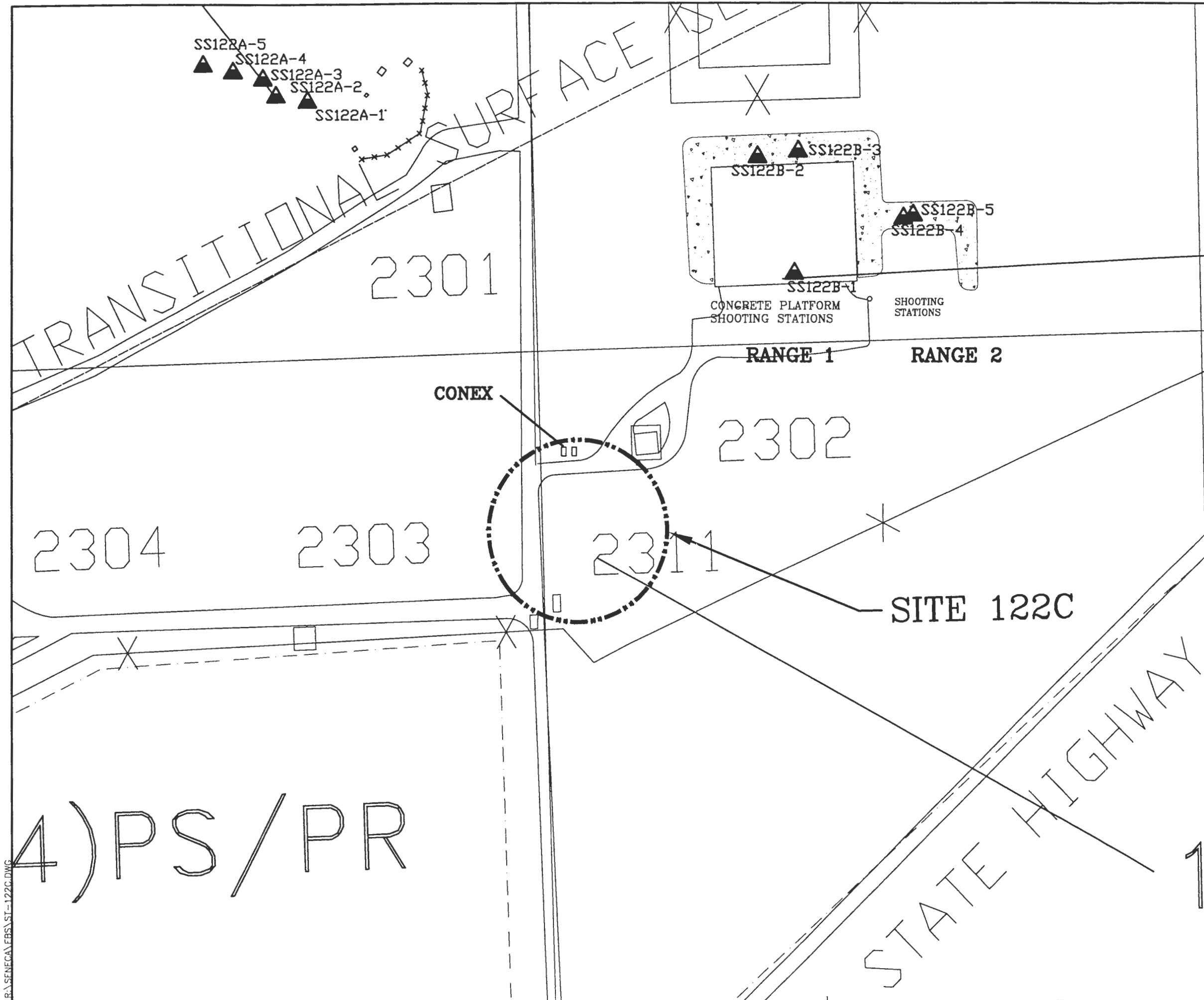
CLIENT/PROJECT TITLE
SENECA ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
INVESTIGATION OF NON-0 EVALUATED SITES

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 4-1
SITE FEATURES AND SAMPLE LOCATIONS AT EBS
SITE 122B BLDG. 2302 SMALL ARMS RANGE

SCALE 1" = 150' DATE FEBRUARY 1999 REV A

P:\SENECA\FBS\ST-122B.DWG



4) PS / PR



BRAC PARCEL LABEL DEFINITIONS

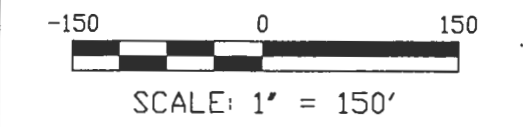
8(2)PS

COMBINATION DESCRIPTION	PS PETROLEUM STORAGE
	PR PETROLEUM RELEASE OR DISPOSAL
	HS HAZARDOUS SUBSTANCE STORAGE
	HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
CATEGORY NUMBER	(P) POSSIBLE (UNVERIFIED)
PARCEL NUMBER	

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

8-19Q-A(P)

QUALIFIERS	A ASBESTOS-CONTAINING MATERIAL
	L LEAD-BASED PAINT
	P PCB
	R RADON
	X UXO AND/OR ORDNANCE FRAGMENTS
QUALIFIED	RD RADIOISOTOPES
	(P) POSSIBLE (UNVERIFIED)
FACILITY NUMBER (IF APPLICABLE)	
PARCEL NUMBER	



P PARSONS
PARSONS ENGINEERING SCIENCE, INC.

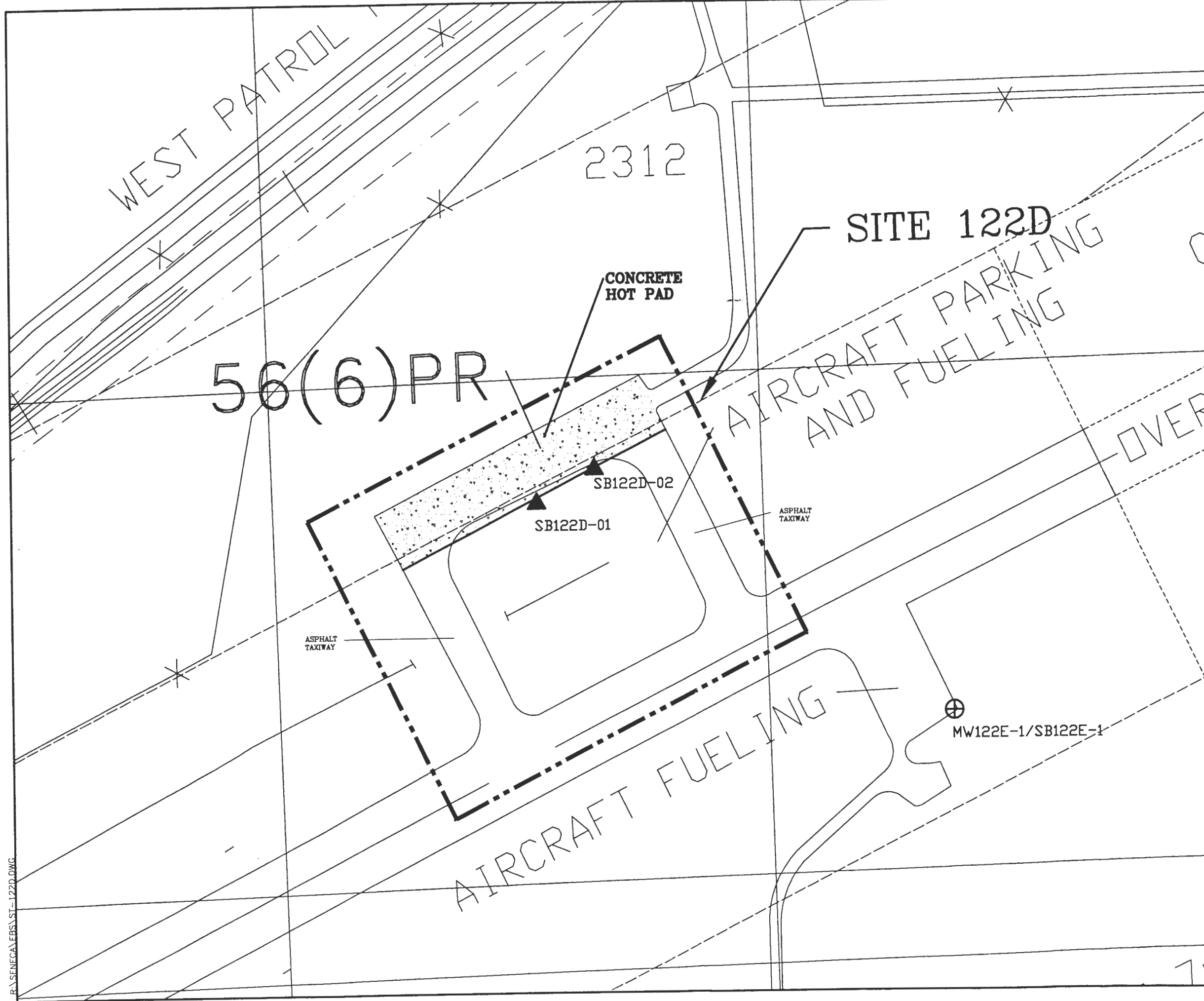
CLIENT/PROJECT TITLE
SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-0 EVALUATED SITES

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 5-1
 SITE FEATURES AT EBS SITE 122C
 NEAR BLDG. 2311 CONEX WITH UNKNOWN CONTENTS

SCALE: 1" = 150' DATE: FEBRUARY 1999 REV: A

R:\SENECA\EBS\ST-122C.DWG



LEGEND:

- ▲ SB122D-01 SOIL BORING
- ⊕ MW122E-1 TEMPORARY WELL/
SOIL BORING

BRAC PARCEL LABEL DEFINITIONS

8(2)PS

CONAMINATION DESCRIPTION	PS PETROLEUM STORAGE PR PETROLEUM RELEASE OR DISPOSAL HS HAZARDOUS SUBSTANCE STORAGE HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
CATEGORY NUMBER	(P) POSSIBLE (UNVERIFIED)
PARCEL NUMBER	

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

8-190-A(P)

QUALIFIERS	A ASBESTOS-CONTAINING MATERIAL L LEAD-BASED PAINT P PCB R RADON X UXO AND/OR ORDNANCE FRAGMENTS RD RADIONUCLIDES
QUALIFIED	(P) POSSIBLE (UNVERIFIED)
FACTORY NUMBER (IF APPLICABLE)	
PARCEL NUMBER	



SCALE: 1" = 200'

PARSONS
PARSONS ENGINEERING SCIENCE, INC.

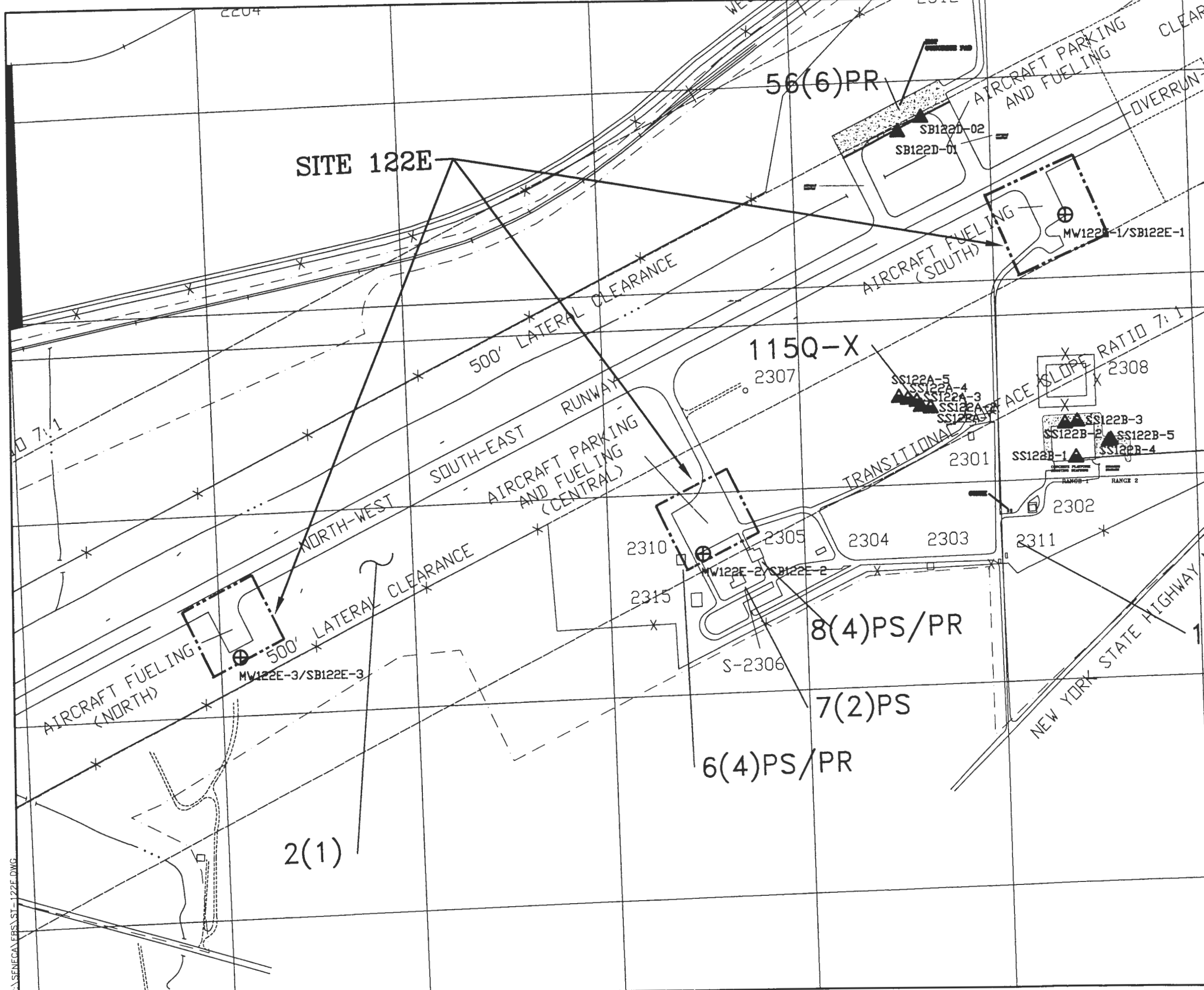
CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
INVESTIGATION OF NON-EVALUATED SITES**

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 6-1
**SITE FEATURES AND SAMPLE LOCATIONS
AT EBS SITE 122D HOT PAD SPILL**

SCALE 1" = 200' DATE FEBRUARY 1999 REV A

R:\SENECA\EBS\ST-122D.DWG



LEGEND:

- ▲ SB123B-1 SOIL BORING
- ▲ SS123B-1 SURFACE SOIL SAMPLE
- ⊕ MW122E-1 TRMPORARY MONITORING WELL

BRAC PARCEL LABEL DEFINITIONS

- 8(2)PS
- | | |
|-------------------------|--|
| CONDOMINIUM DESCRIPTION | PS PETROLEUM STORAGE |
| CATEGORY NUMBER | PR PETROLEUM RELEASE OR DISPOSAL |
| PARCEL NUMBER | HS HAZARDOUS SUBSTANCE STORAGE |
| | HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL |
| | (P) POSSIBLE (UNVERIFIED) |

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

- 8-190-A(P)
- | | |
|---------------------------------|----------------------------------|
| QUALIFIERS | A ASBESTOS-CONTAINING MATERIAL |
| | L LEAD-BASED PAINT |
| | P PCB |
| | R RADON |
| | X LIND AND/OR ORDNANCE FRAGMENTS |
| QUALIFIED | RD RADIONUCLIDES |
| | (P) POSSIBLE (UNVERIFIED) |
| FACILITY NUMBER (IF APPLICABLE) | |
| PARCEL NUMBER | |



SCALE: 1" = 500'

PARSONS
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CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES**

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 7-1
**SITE FEATURES AND SAMPLE LOCATIONS
 AT EBS SITE 122E DEICING PLANES**

SCALE: 1" = 500' DATE: FEBRUARY 1999 REV: A

P:\SENECA\FBS\ST-122E.DWG

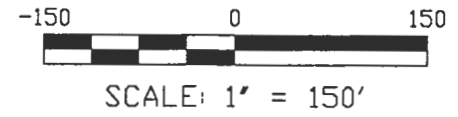


BRAC PARCEL LABEL DEFINITIONS
B(2)PS

CONTAMINATION DESCRIPTION	PS	PETROLEUM STORAGE
	PR	PETROLEUM RELEASE OR DISPOSAL
CATEGORY NUMBER	HS	HAZARDOUS SUBSTANCE STORAGE
	HR	HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
PARCEL NUMBER	(P)	POSSIBLE (UNVERIFIED)

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS
B-19Q-A(P)

QUALIFIERS	A	ASBESTOS-CONTAINING MATERIAL
	L	LEAD-BASED PAINT
	R	RADON
	X	UXO AND/OR ORDNANCE FRAGMENTS
QUALIFIED	RD	RADIONUCLIDES
	(P)	POSSIBLE (UNVERIFIED)
FACILITY NUMBER (IF APPLICABLE)		
PARCEL NUMBER		



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CLIENT/PROJECT TITLE
SENECA ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
INVESTIGATION OF NON-O EVALUATED SITES

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 8-1
SITE FEATURES AT EBS SITE 123A
BLDG. 744 INDOOR FIRING RANGE

SCALE 1" = 150' DATE FEBRUARY 1999 REV A

R:\SENECA\FBS\ST-123A.DWG

1260 Q-RD

SITE 123B



LEGEND:

- ▲ SOIL BORING
- SB123B-1
- ▲ SURFACE SOIL SAMPLE
- SS123B-1
- ▣ SEDIMENT SAMPLE
- SD123B-1
- SHED

BRAC PARCEL LABEL DEFINITIONS

8(2)PS

CONDOMINIUM DESCRIPTION	PS PETROLEUM STORAGE PR PETROLEUM RELEASE OR DISPOSAL HS HAZARDOUS SUBSTANCE STORAGE HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL (P) POSSIBLE (UNVERIFIED)
CATEGORY NUMBER	
PARCEL NUMBER	

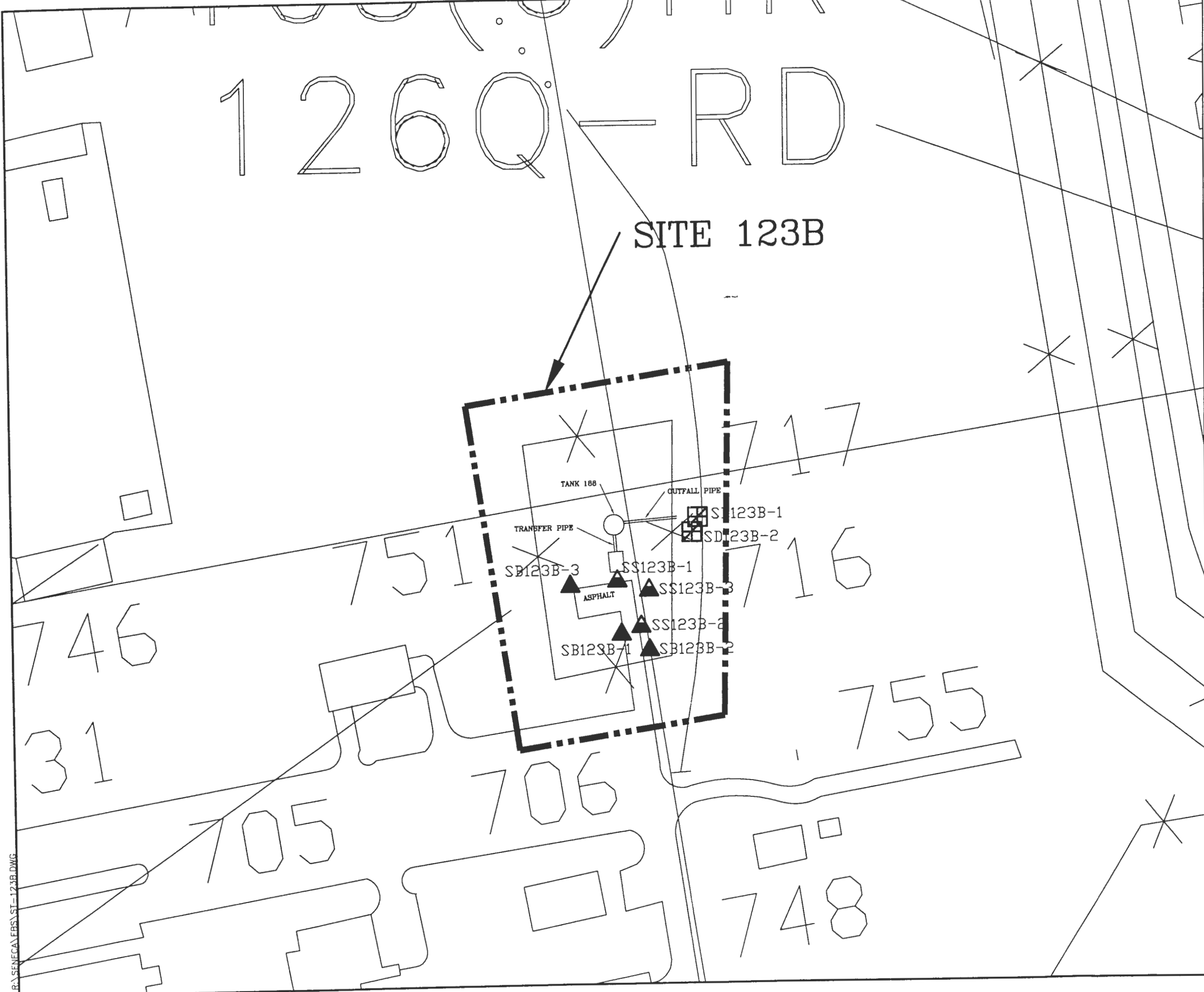
NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

8-19Q-A(P)

QUALIFIERS	A ASBESTOS-CONTAINING MATERIAL L LEAD-BASED PAINT P PCB R RADON X LID AND/OR ORDNANCE FRAGMENTS RD RADIOISOTOPES (P) POSSIBLE (UNVERIFIED)
QUALIFIED	
FACILITY NUMBER (IF APPLICABLE)	
PARCEL NUMBER	



SCALE: 1" = 100'



R:\SENECA\FBS\ST-123B.DWG

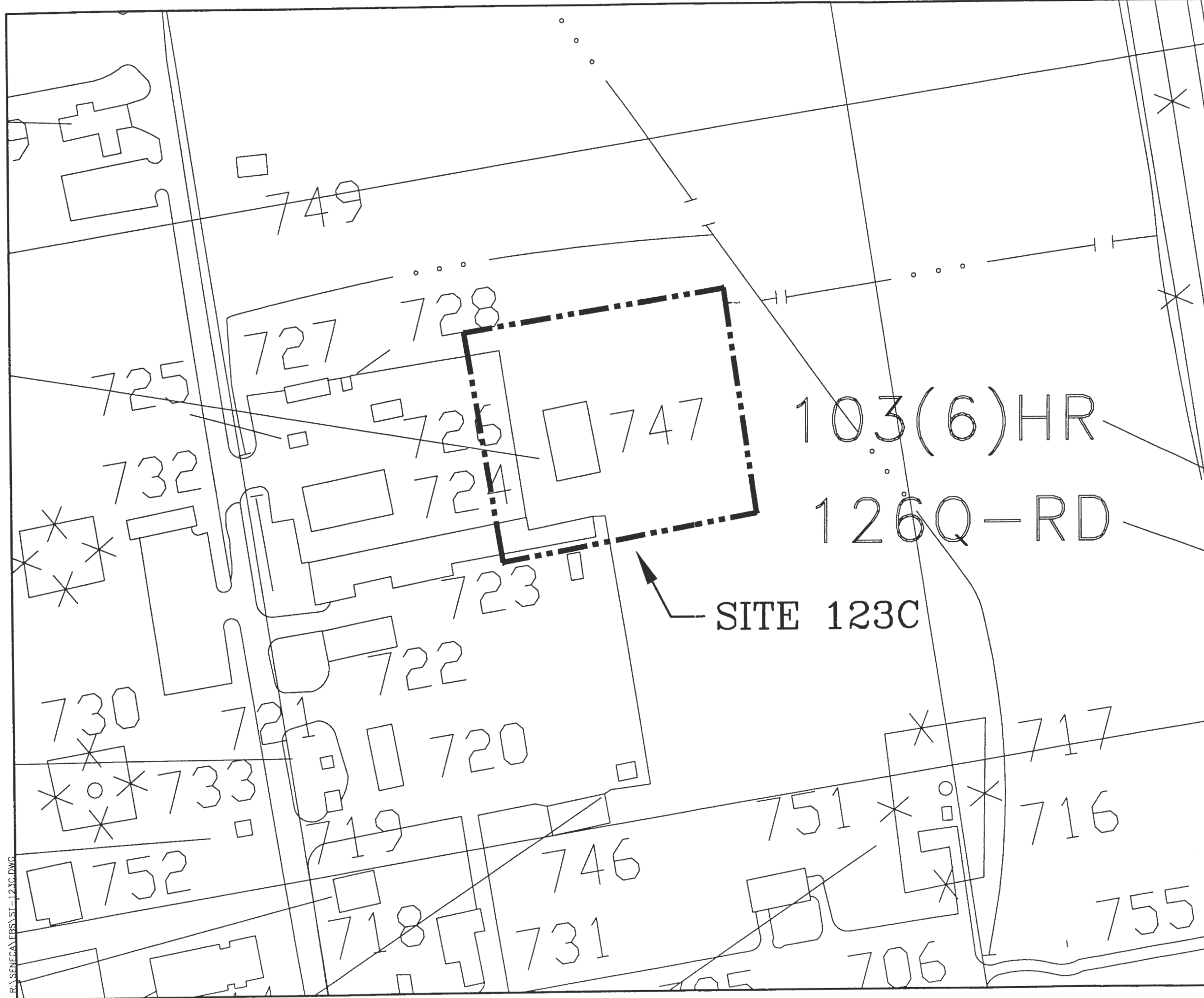
PARSONS
PARSONS ENGINEERING SCIENCE, INC.

CLIENT/PROJECT TITLE
SENECA ARMY DEPOT ACTIVITY
 ENVIROMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 9-1
 SITE FEATURES AND SAMPLE LOCATIONS AT EBS
 SITE 123B BLDG. 716 & 717 PETROLEUM RELEASES

SCALE 1" = 100' DATE FEBRUARY 1999 REV A



103(6)HR
126Q-RD

SITE 123C

BRAC PARCEL LABEL DEFINITIONS

B(2)PS

CONDITION DESCRIPTION	PS	PETROLEUM STORAGE
	PR	PETROLEUM RELEASE OR DISPOSAL
	HS	HAZARDOUS SUBSTANCE STORAGE
	HR	HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
	(P)	POSSIBLE (UNVERIFIED)

— CATEGORY NUMBER

— PARCEL NUMBER

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

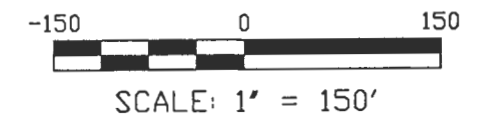
B-19Q-A(P)

QUALIFIERS	A	ASBESTOS-CONTAINING MATERIAL
	L	LEAD-BASED PAINT
	P	PCB
	R	RADON
	X	UXO AND/OR ORDNANCE FRAGMENTS
	RD	RADIOMUDDIES
	(P)	POSSIBLE (UNVERIFIED)

— QUALIFIED

— FACILITY NUMBER (IF APPLICABLE)

— PARCEL NUMBER



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CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
INVESTIGATION OF NON-0 EVALUATED SITES**

DEPT. **ENVIRONMENTAL ENGINEERING** Dwg. No. _____

**FIGURE 10-1
SITE FEATURES AT EBS SITE 123C
BLDG. 747 HAZARDOUS MATERIALS SPILLS**

SCALE **1" = 150'** DATE **FEBRUARY 1999** REV **A**

R:\SENECA\FBS\ST-123C.DWG

0(2)PS

36(4)PR

113(7)

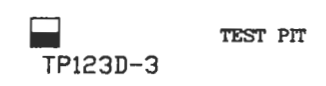
715

NORTH P

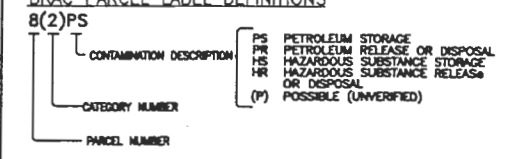
SITE 123D



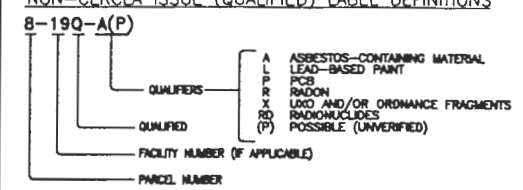
LEGEND:



BRAC PARCEL LABEL DEFINITIONS



NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS



SCALE: 1" = 200'

PARSONS
PARSONS ENGINEERING SCIENCE, INC.

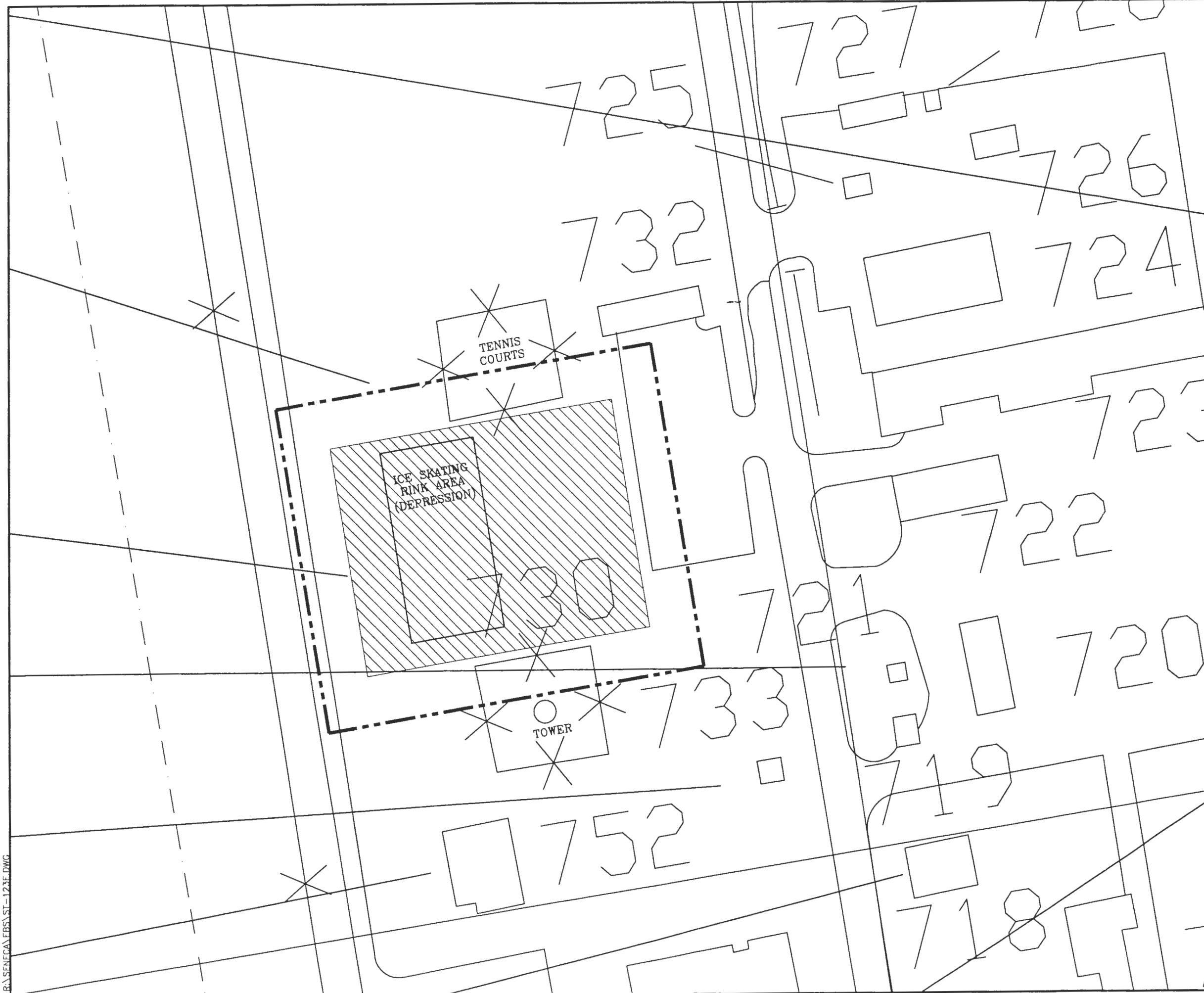
CLIENT/PROJECT TITLE
SENECA ARMY DEPOT ACTIVITY
 ENVIROMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 11-1
 SITE FEATURES AND SAMPLE LOCATIONS AT EBS
 SITE 123D AREA WEST OF BUILDING 715

SCALE 1" = 200' DATE FEBRUARY 1999 REV A

R:\SENECA\FBS\ST-123D.DWG



LEGEND:

 EXTENT OF EM-61 GEOPHYSICAL SURVEY

BRAC PARCEL LABEL DEFINITIONS

B(2)PS
 CONTAMINATION DESCRIPTION: PS PETROLEUM STORAGE, PR PETROLEUM RELEASE OR DISPOSAL, HS HAZARDOUS SUBSTANCE STORAGE, HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL, (P) POSSIBLE (UNVERIFIED)
 CATEGORY NUMBER
 PARCEL NUMBER

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

B-19Q-A(P)
 QUALIFIERS: A ASBESTOS-CONTAINING MATERIAL, L LEAD-BASED PAINT, P PCB, R RADON, X UXO AND/OR ORDNANCE FRAGMENTS, RD RADIOISOTOPES, (P) POSSIBLE (UNVERIFIED)
 QUALIFIED
 FACILITY NUMBER (IF APPLICABLE)
 PARCEL NUMBER



SCALE: 1" = 100'

PARSONS
PARSONS ENGINEERING SCIENCE, INC.

CLIENT/PROJECT TITLE
SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 12-1
 SITE FEATURES AND GEOPHYSICAL GRID AT EBS
 SITE 123E RUMORED DDT BURIAL AT ICE RINK

SCALE 1" = 100' DATE FEBRUARY 1999 REV A

P:\SENECA\EBS\ST-123E.DWG

SEDA Perimeter Fence

North Patrol Road

Approximate Location of Hockey Rink

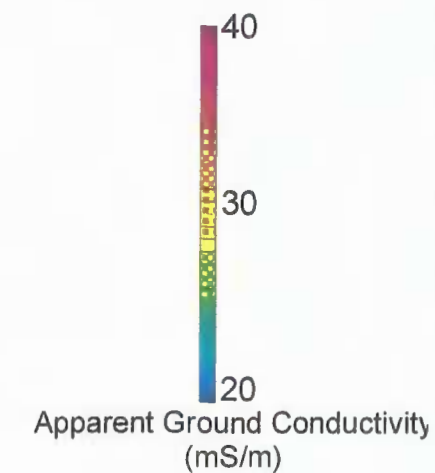
Bldg 752

Water Tower

Tennis Courts

Bldg 732

Parking Lot



 **PARSONS**
PARSONS ENGINEERING SCIENCE, INC.

SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES

FIGURE 12-2
 APPARENT GROUND CONDUCTIVITY AT
 EBS SITE 123E. RUMORED DDT BURIAL
 AT HOCKEY RINK.

SCALE: DATE APRIL 1998 SHEET NO. 1 OF 1

O:\AV GIS\GIS\KORSKY\154\GEOLOGY\ISOPATCH\APR

SEDA Perimeter Fence

North Patrol Road

Approximate Location of Hockey Rink

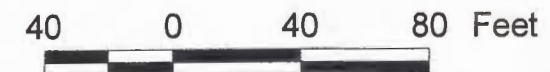
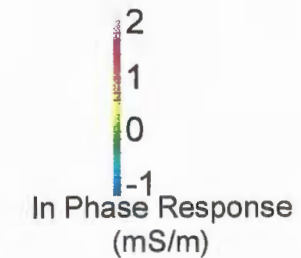
Bldg 752

Water Tower

Tennis Courts

Bldg 732

Parking Lot



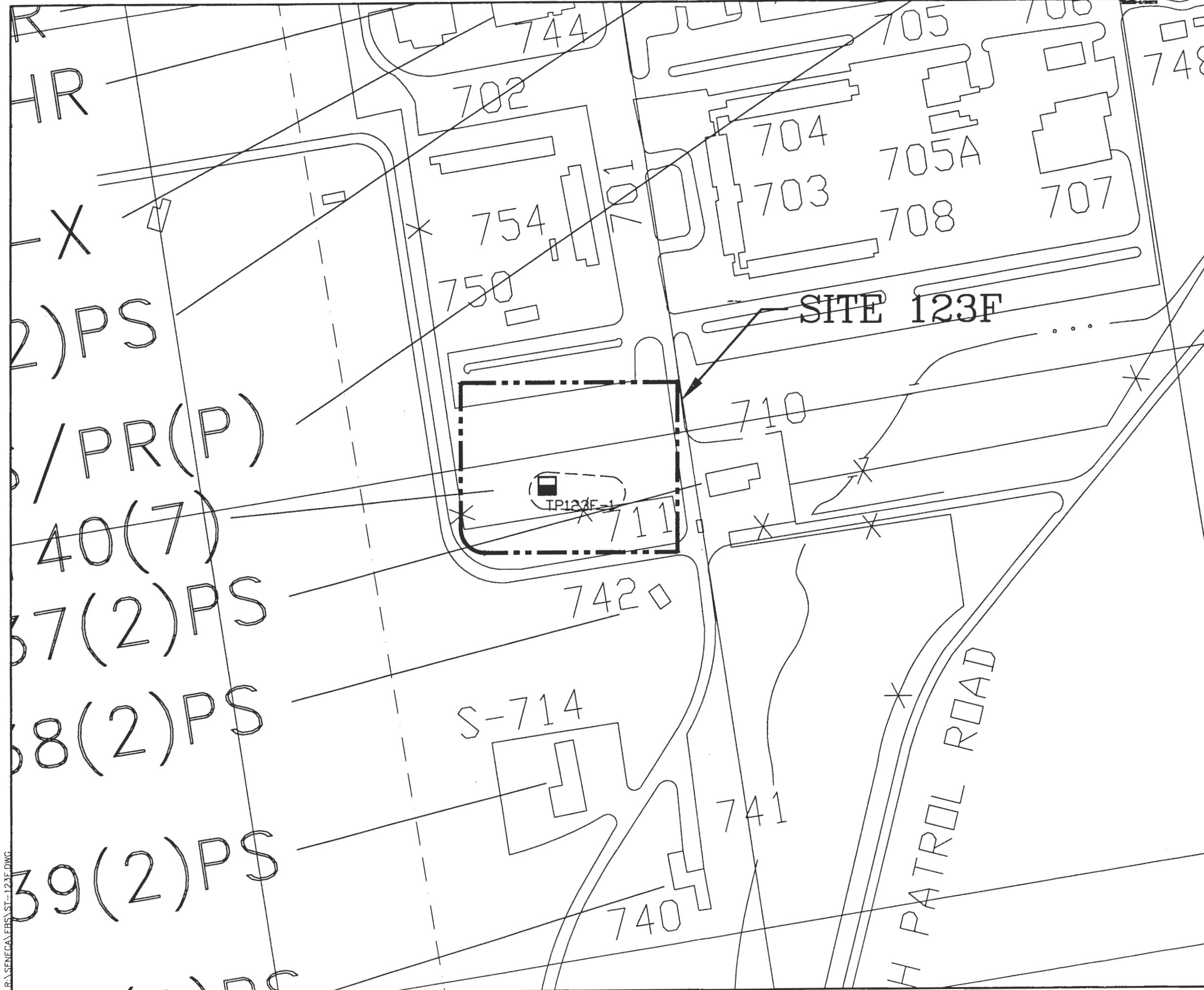
PARSONS
PARSONS ENGINEERING SCIENCE, INC.

SENECA ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
INVESTIGATION OF NON-EVALUATED SITES

FIGURE 12-3
IN PHASE RESPONSE AT
EBS SITE 123E. RUMORED DDT BURIAL
AT HOCKEY RINK.

SCALE: DATE APRIL 1998 SHEET NO. 1 OF 1

O:\AV GIS30\SIKORSKY\15A\GEOLOGY\ISOPATCH\APR



LEGEND:

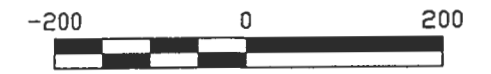
- SOIL MOUND
- TEST PIT
- TP123F-1

BRAC PARCEL LABEL DEFINITIONS

- 8(2)PS
- | | | |
|-------------------------|-----|--|
| CONDOMINIUM DESCRIPTION | PS | PETROLEUM STORAGE |
| | PR | PETROLEUM RELEASE OR DISPOSAL |
| | HS | HAZARDOUS SUBSTANCE STORAGE |
| | HR | HAZARDOUS SUBSTANCE RELEASES OR DISPOSAL |
| CATEGORY NUMBER | (P) | POSSIBLE (UNVERIFIED) |
| PARCEL NUMBER | | |

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

- 8-190-A(P)
- | | | |
|---------------------------------|-----|--------------------------------|
| QUALIFIERS | A | ASBESTOS-CONTAINING MATERIAL |
| | L | LEAD-BASED PAINT |
| | P | PCB |
| | R | RADON |
| | X | UNID AND/OR ORDNANCE FRAGMENTS |
| | RD | RADIOISOTOPES |
| QUALIFIED | (P) | POSSIBLE (UNVERIFIED) |
| FACILITY NUMBER (IF APPLICABLE) | | |
| PARCEL NUMBER | | |



SCALE: 1" = 200'

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CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-0 EVALUATED SITES**

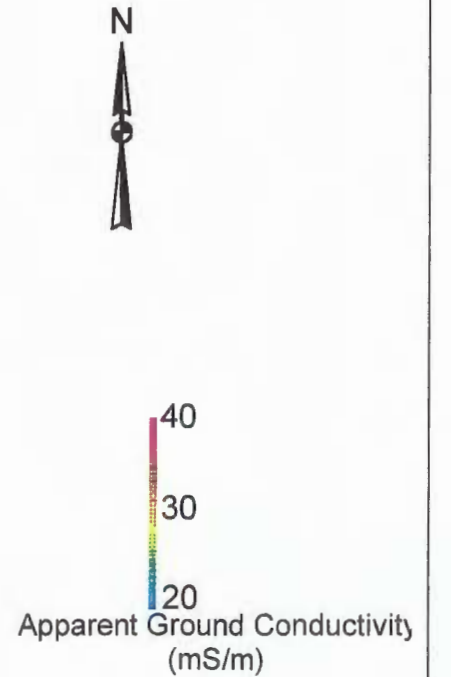
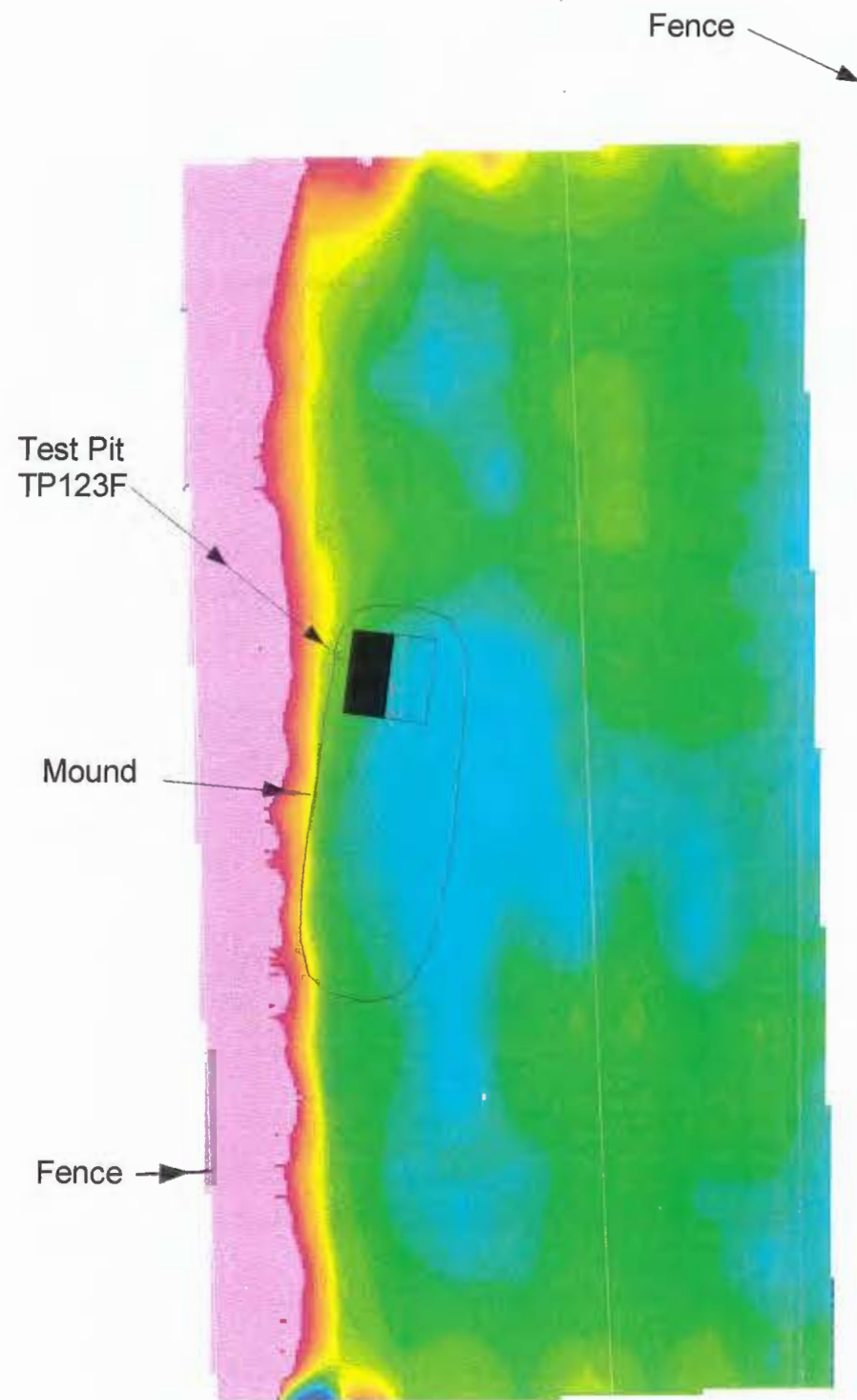
DEPT. **ENVIRONMENTAL ENGINEERING** Dwg. No.

FIGURE 13-1
 SITE FEATURES AND SAMPLE LOCATION AT
 EBS SITE 123F MOUND NORTH OF POST 3

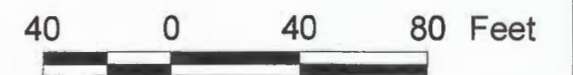
SCALE 1" = 200' DATE **FEBRUARY 1999** REV **A**

P:\SENECA\EBS\ST-123F.DWG

O:\AV_GIS30\SIKORSKY\1S4\GEOLOGY\ISOPATCH\APR



Test Pit



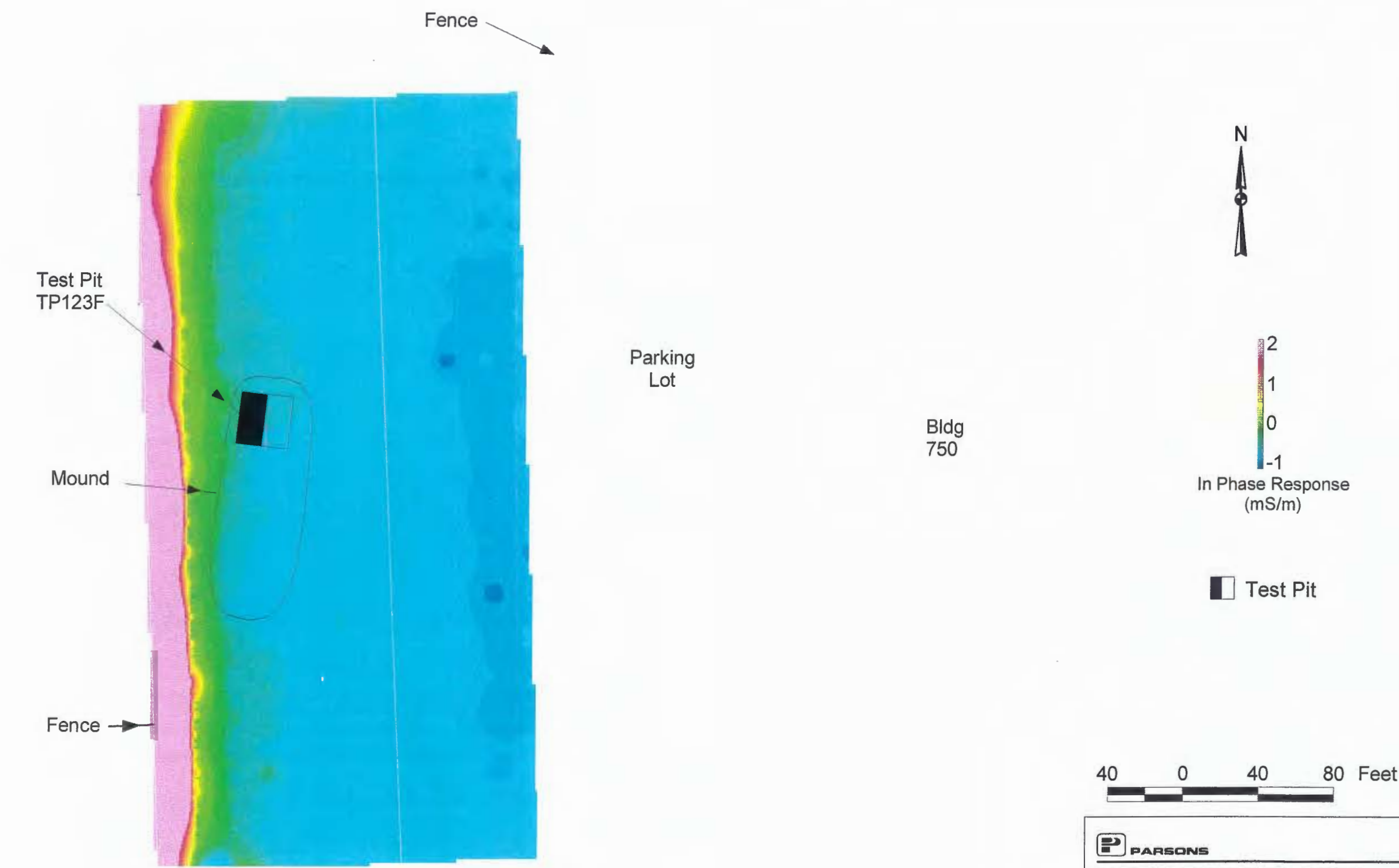
PARSONS
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SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES

FIGURE 13-2
 APPARENT GROUND CONDUCTIVITY AT
 EBS SITE 123F. AREA NORTH OF POST-3

Post-3

O:\AV GIS\GIS\KORSKY\1S4\GEOLOGY\ISOPATCH\APR



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SENECA ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
INVESTIGATION OF NON-EVALUATED SITES

FIGURE 13-3
IN PHASE RESPONSE AT
EBS SITE 123F. AREA NORTH OF POST-3



SEAD-46

122Q-X

10(7)

BRAC PARCEL LABEL DEFINITIONS

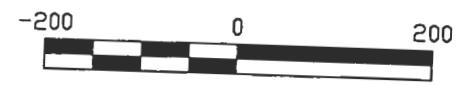
8(2)PS

CONTAMINATION DESCRIPTION	PS	PETROLEUM STORAGE
	PR	PETROLEUM RELEASE OR DISPOSAL
CATEGORY NUMBER	HS	HAZARDOUS SUBSTANCE STORAGE
	HR	HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
PARCEL NUMBER	(P)	POSSIBLE (UNVERIFIED)

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

8-19Q-A(P)

QUALIFIERS	A	ASBESTOS-CONTAINING MATERIAL
	L	LEAD-BASED PAINT
QUALIFIED	P	PCB
	R	RADON
FACTORY NUMBER (IF APPLICABLE)	X	UXO AND/OR ORDNANCE FRAGMENTS
	RD	RADIOISOTOPES
PARCEL NUMBER	(P)	POSSIBLE (UNVERIFIED)



SCALE: 1" = 200'



PARSONS ENGINEERING SCIENCE, INC.

CLIENT/PROJECT TITLE
SENECA ARMY DEPOT ACTIVITY
ENVIROMENTAL BASELINE SURVEY
INVESTIGATION OF NON-EVALUATED SITES

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

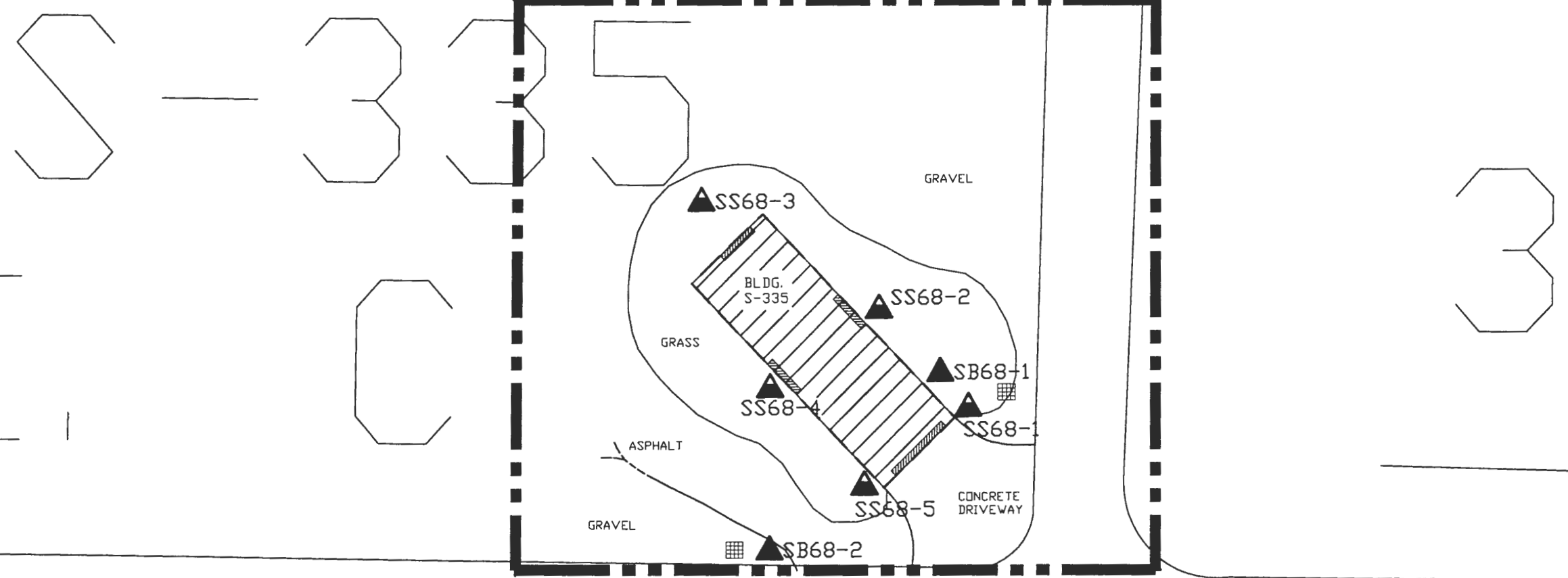
FIGURE 14-1
SITE FEATURES AT EBS SITE SEAD-46
SMALL ARMS RANGE

SCALE 1" = 200' DATE FEBRUARY 1999 REV NA

R:\SENECA\EBS\SEAD-46.DWG



SITE 68



LEGEND:

- ▲ SB68-1 SOIL BORING
- ▲ SS68-5 SURFACE SOIL SAMPLE
- STORM DRAIN
- ▨ DOOR

BRAC PARCEL LABEL DEFINITIONS

- 8(2)PS
- CONDOMINIUM DESCRIPTION:
 - PS PETROLEUM STORAGE
 - PR PETROLEUM RELEASE OR DISPOSAL
 - HS HAZARDOUS SUBSTANCE STORAGE
 - HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
 - (P) POSSIBLE (UNVERIFIED)
 - CATEGORY NUMBER
 - PARCEL NUMBER

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

- 8-190-A(P)
- QUALIFIERS:
 - A ASBESTOS-CONTAINING MATERIAL
 - L LEAD-BASED PAINT
 - R RADON
 - X LDD AND/OR ORDNANCE FRAGMENTS
 - RD RADIONUCLIDES
 - (P) POSSIBLE (UNVERIFIED)
 - QUALIFIED
 - FACILITY NUMBER (IF APPLICABLE)
 - PARCEL NUMBER



SCALE: 1" = 50'

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CLIENT/PROJECT TITLE
SENECA ARMY DEPOT ACTIVITY
 ENVIROMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-0 EVALUATED SITES

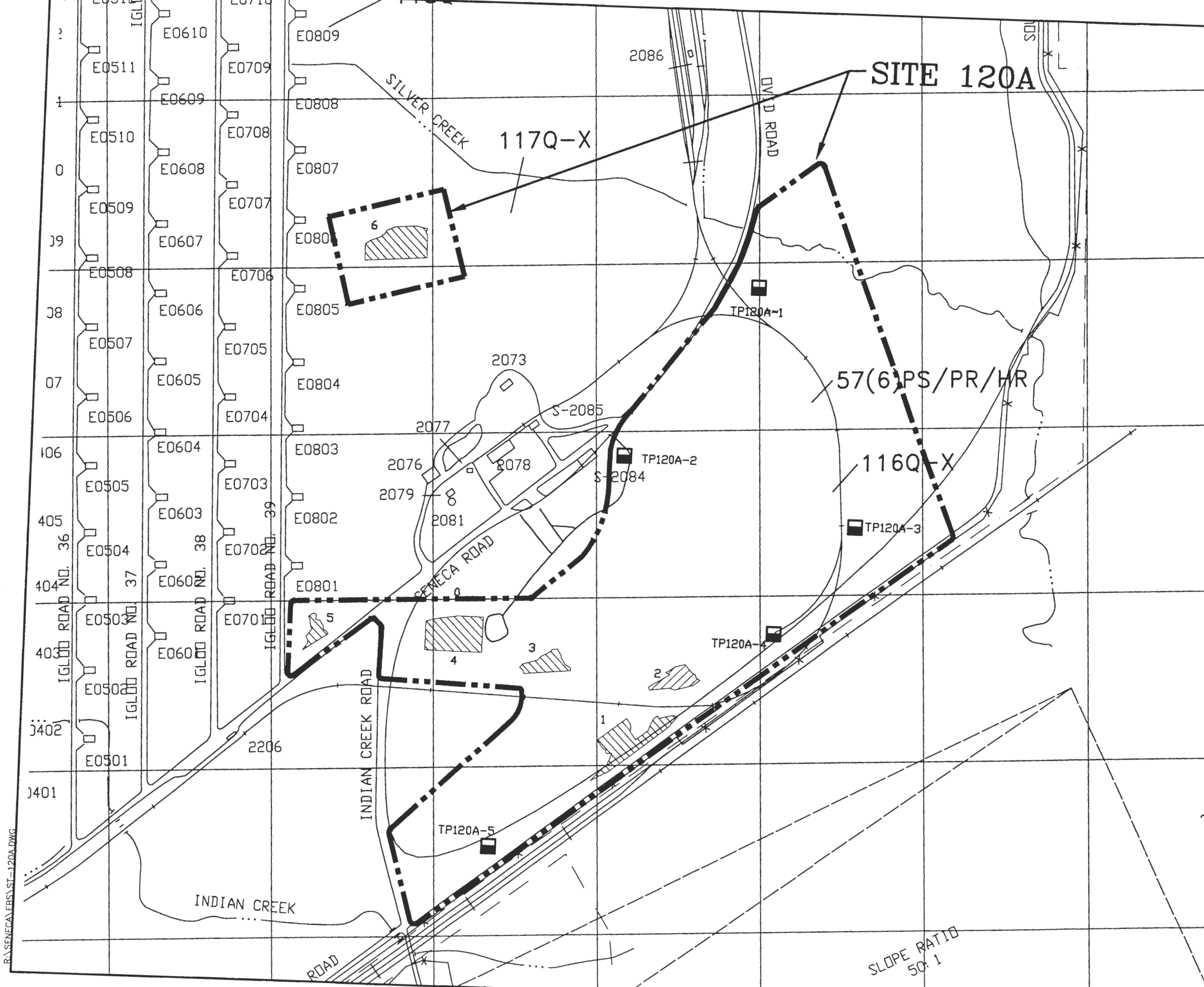
DEPT. **ENVIRONMENTAL ENGINEERING** Dwg. No.

FIGURE 15-1

SITE FEATURES AND SAMPLE LOCATIONS AT EBS SITE
 SEAD-68, OLD PEST CONTROL SHOP BLDG. S-335

SCALE 1" = 50' DATE **FEBRUARY 1999** REV **A**

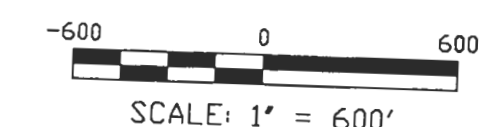
R:\SENECA\ERS\ST-68.DWG



LEGEND:

- RAILROAD TRACKS
- TP120A-1 TEST PIT
- 1 EXTENT OF EM-31 GEOPHYSICAL SURVEY WITH AREA DESIGNATION

- BRAC PARCEL LABEL DEFINITIONS**
 8(2)PS
- | | | |
|-----------------------|-----|---|
| CONDITION DESCRIPTION | PS | PETROLEUM STORAGE |
| | PR | PETROLEUM RELEASE OR DISPOSAL |
| | HS | HAZARDOUS SUBSTANCE STORAGE |
| | HR | HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL |
| CATEGORY NUMBER | (P) | POSSIBLE (UNVERIFIED) |
| PARCEL NUMBER | | |
-
- NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS**
 8-19Q-A(P)
- | | | |
|---------------------------------|-----|-------------------------------|
| QUALIFIERS | A | ASBESTOS-CONTAINING MATERIAL |
| | L | LEAD-BASED PAINT |
| | P | PCB |
| | R | RADON |
| | X | UXO AND/OR ORDNANCE FRAGMENTS |
| QUALIFIED | RD | RADIOCLIDES |
| | (P) | POSSIBLE (UNVERIFIED) |
| FACILITY NUMBER (IF APPLICABLE) | | |
| PARCEL NUMBER | | |



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PARSONS ENGINEERING SCIENCE, INC.

CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES**

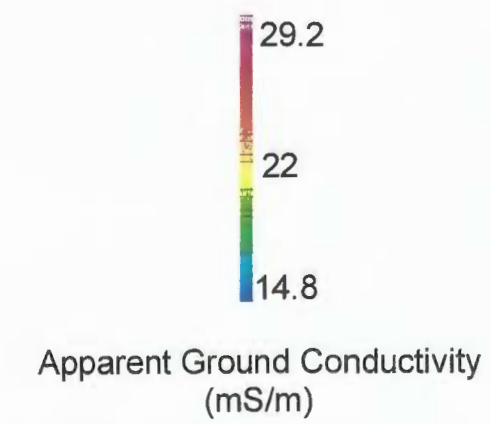
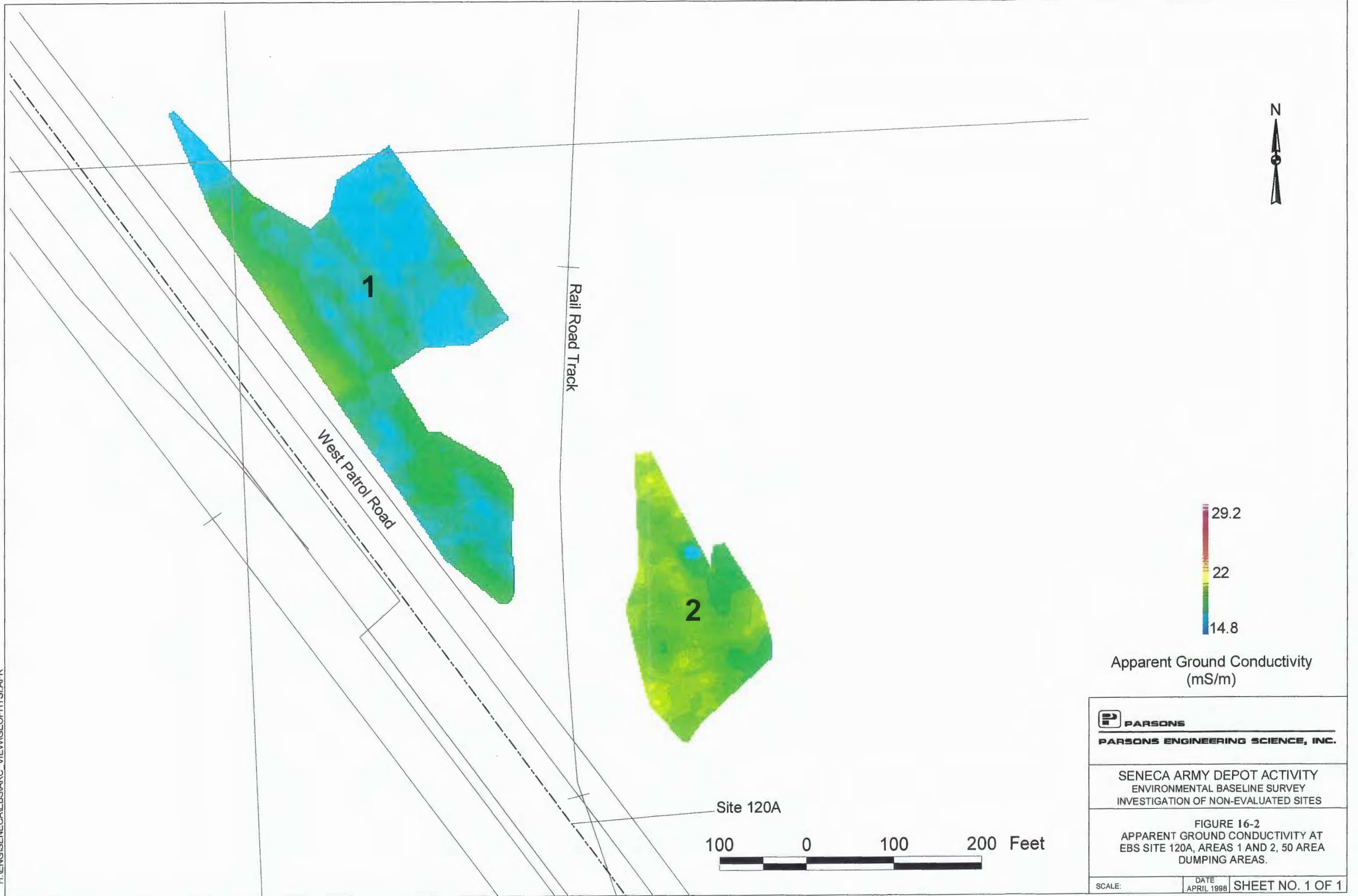
DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 16-1
 SITE FEATURES, SAMPLING LOCATIONS AND GEOPHYSICAL
 GRID AT EBS SITE 120A 50 AREA DUMPING AREAS

SCALE: 1" = 600' DATE: FEBRUARY 1999 REV: NA

R:\SENECA\EBS\ST-120A.DWG

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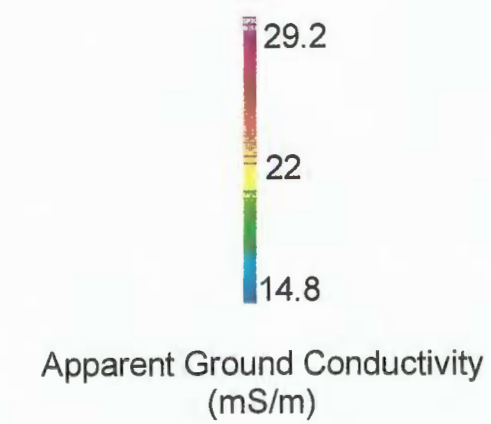
PARSONS
PARSONS ENGINEERING SCIENCE, INC.

SENeca ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
INVESTIGATION OF NON-EVALUATED SITES

FIGURE 16-2
APPARENT GROUND CONDUCTIVITY AT
EBS SITE 120A, AREAS 1 AND 2, 50 AREA
DUMPING AREAS.

SCALE: DATE APRIL 1998 SHEET NO. 1 OF 1

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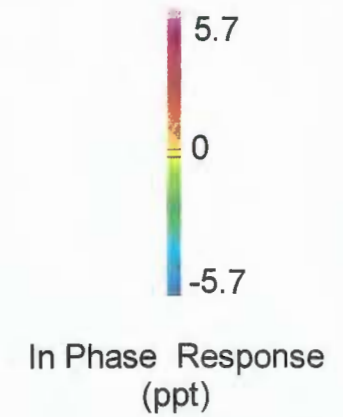
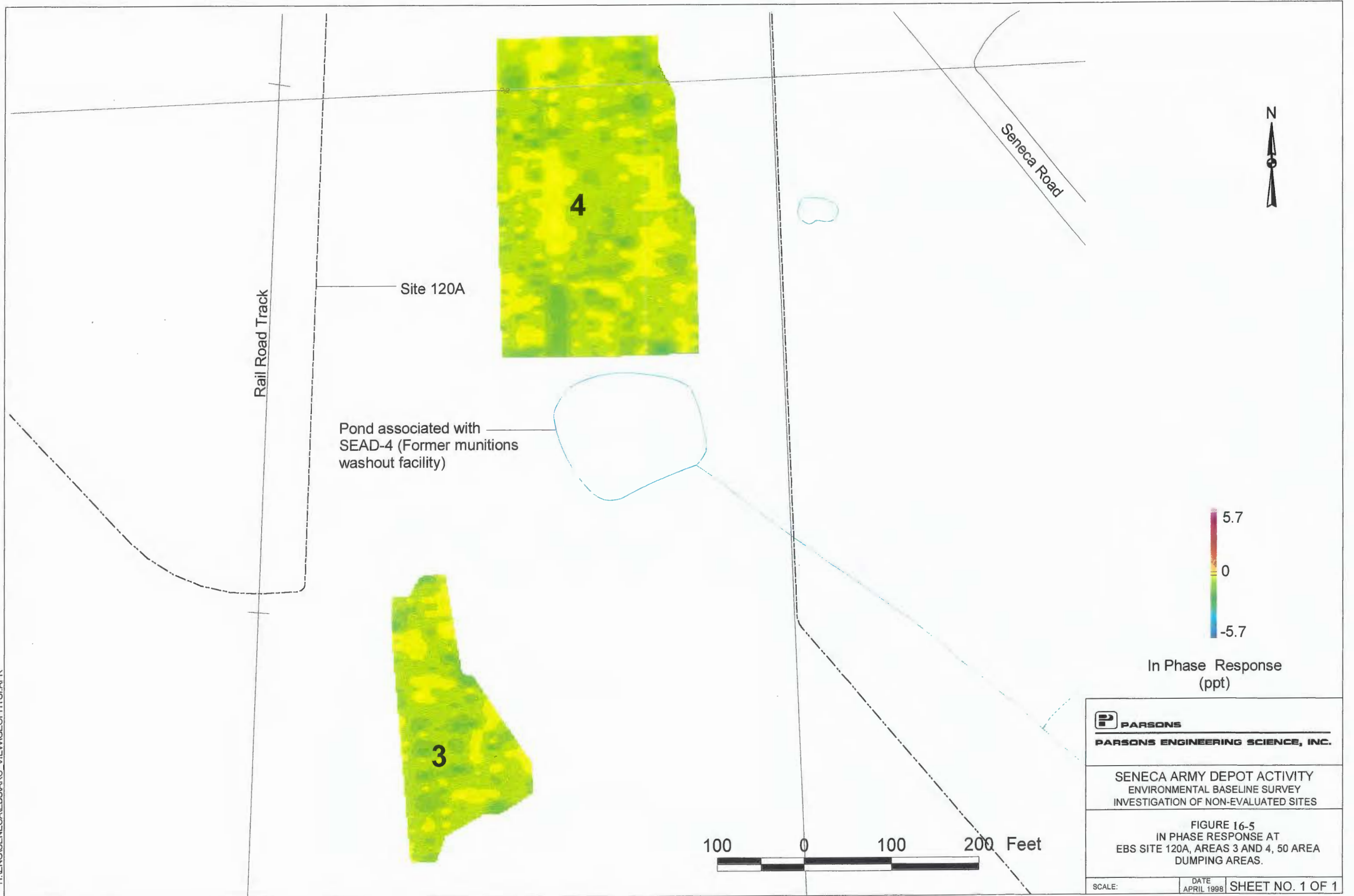
PARSONS
PARSONS ENGINEERING SCIENCE, INC.

SENECA ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
INVESTIGATION OF NON-EVALUATED SITES

FIGURE 16-4
APPARENT GROUND CONDUCTIVITY AT
EBS SITE 120A, AREAS 3 AND 4, 50 AREA
DUMPING AREAS.

SCALE:	DATE APRIL 1998	SHEET NO. 1 OF 1
--------	--------------------	------------------

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PARSONS ENGINEERING SCIENCE, INC.

SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES

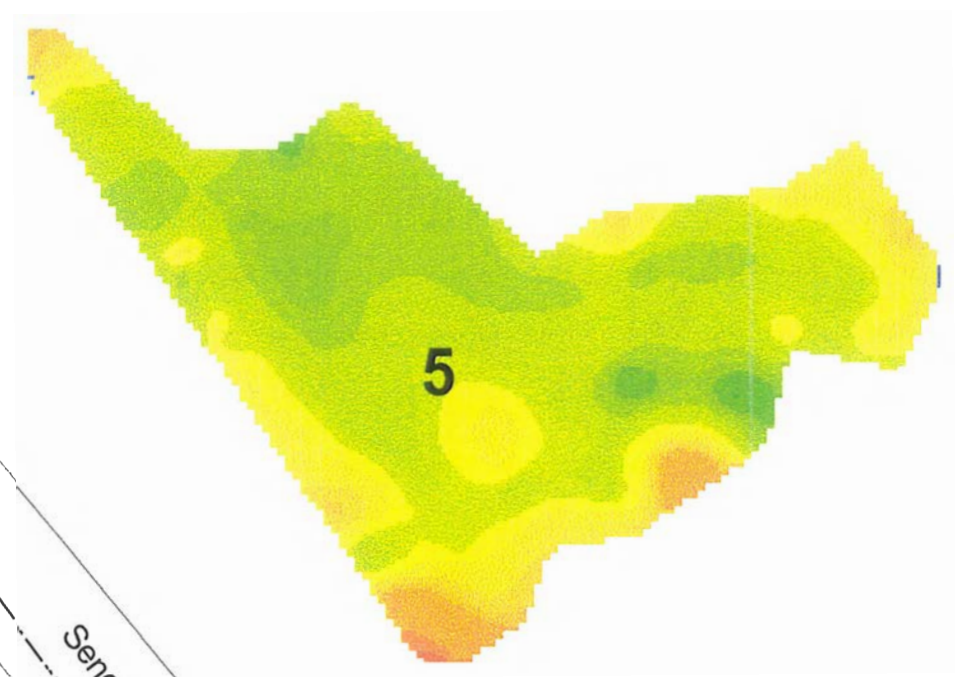
FIGURE 16-5
 IN PHASE RESPONSE AT
 EBS SITE 120A, AREAS 3 AND 4, 50 AREA
 DUMPING AREAS.

SCALE: DATE APRIL 1998 SHEET NO. 1 OF 1

Igloo Road No. 39



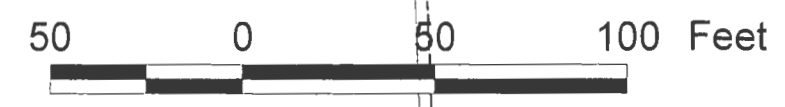
SITE 120A



Seneca Road



Apparent Ground Conductivity (mS/m)



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 **PARSONS**
PARSONS ENGINEERING SCIENCE, INC.

SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES

FIGURE 16-6
 APPARENT GROUND CONDUCTIVITY AT
 EBS SITE 120A, AREA 5, 50 AREA
 DUMPING AREAS.

SCALE: DATE APRIL 1998 SHEET NO. 1 OF 1



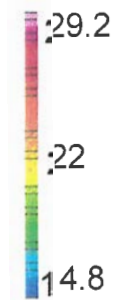
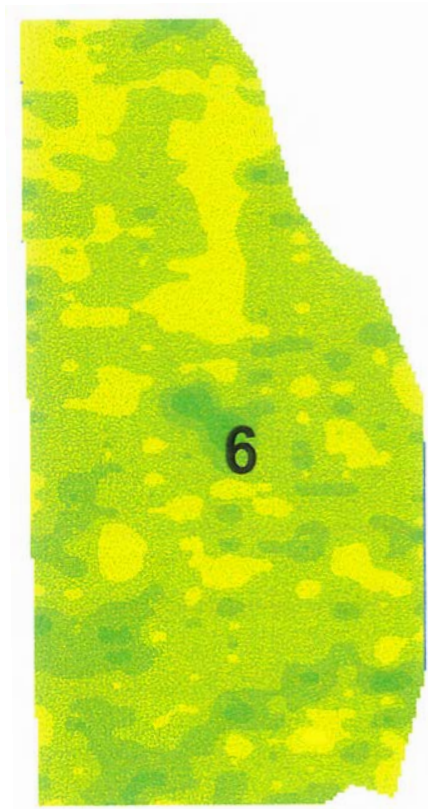
E0805



E0806



E0807



○ Apparent Ground Conductivity (mS/m)

H:\ENGINEERING\SENACA\EB\SARC_VIEW\GEOPHYSI.APR



Silver Creek

 **PARSONS**
PARSONS ENGINEERING SCIENCE, INC.

SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES

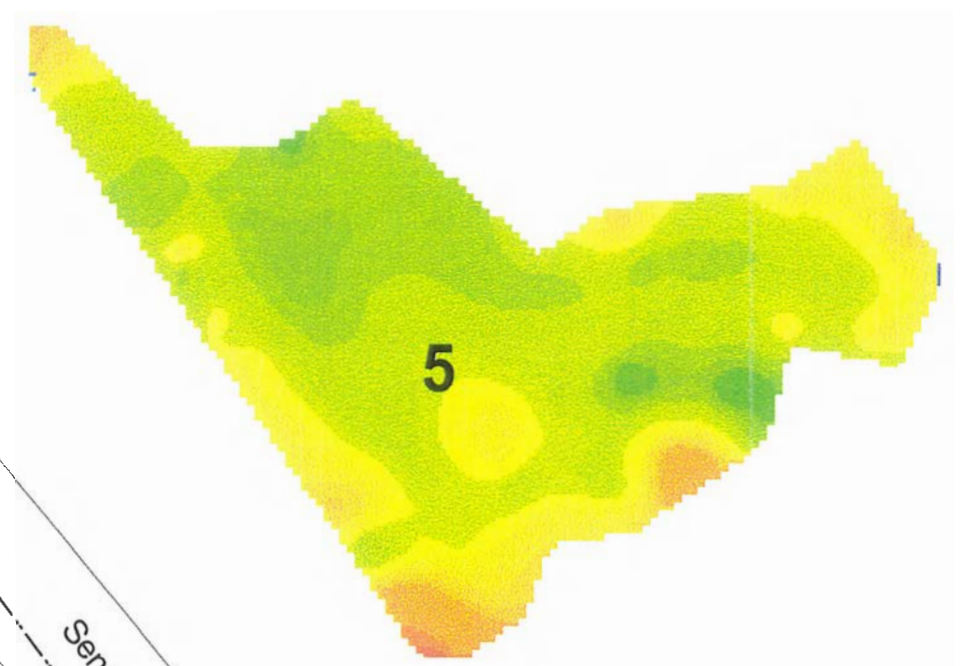
FIGURE 16-8
 APPARENT GROUND CONDUCTIVITY AT
 EBS SITE 120A, AREA 6, 50 AREA
 DUMPING AREAS.

SCALE: DATE APRIL 1998 SHEET NO. 1 OF 1

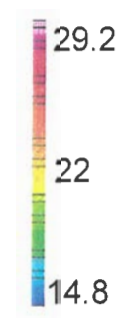
Igloo Road No. 39



SITE 120A




Seneca Road



Apparent Ground Conductivity (mS/m)



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 **PARSONS**
PARSONS ENGINEERING SCIENCE, INC.

SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES

FIGURE 16-6
 APPARENT GROUND CONDUCTIVITY AT
 EBS SITE 120A, AREA 5, 50 AREA
 DUMPING AREAS.

SCALE: DATE APRIL 1998 SHEET NO. 1 OF 1



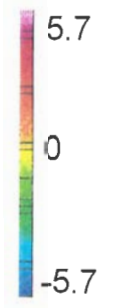
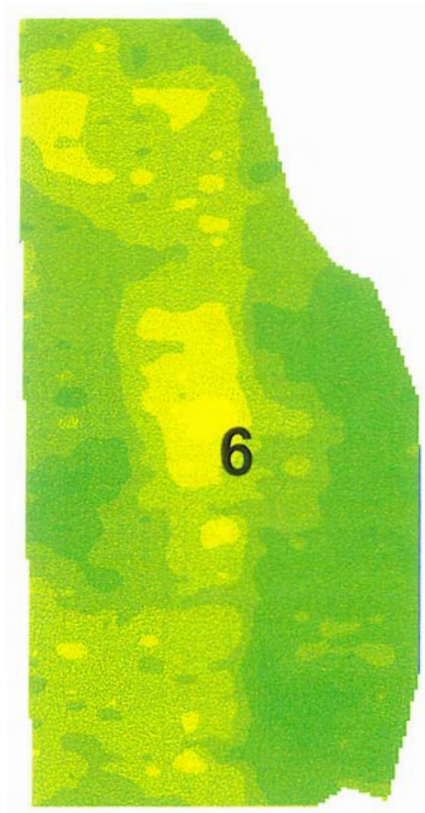
E0805



E0806



E0807



In Phase Response (ppt)

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Silver Creek

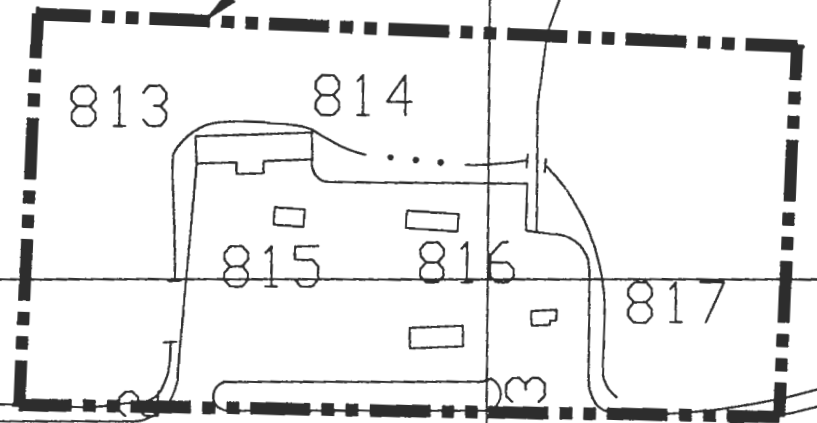


SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES

FIGURE 16-9
 IN PHASE RESPONSE AT
 EBS SITE 120A, AREA 6, 50 AREA
 DUMPING AREAS.

98(6)PS/PR/HS/HR
123Q-RD

SITE 120C



SERVICE ROAD NO. 1

SERVICE ROAD NO.

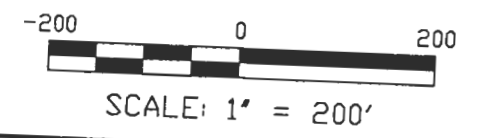
SERVICE ROAD NO.

SERVICE ROAD NO. 1

825
806
807



- BRAC PARCEL LABEL DEFINITIONS**
8(2)PS
- CONTAMINATION DESCRIPTION: PS (PETROLEUM STORAGE), PR (PETROLEUM RELEASE OR DISPOSAL), HS (HAZARDOUS SUBSTANCE STORAGE), HR (HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL)
 - QUALIFIER: (P) POSSIBLE (UNVERIFIED)
 - PARCEL NUMBER
- NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS**
8-19Q-A(P)
- QUALIFIERS: A (ASBESTOS-CONTAINING MATERIAL), L (LEAD-BASED PAINT), P (PCB), R (RADON), X (LIXID AND/OR ORDNANCE FRAGMENTS), RD (RADIONUCLIDES)
 - QUALIFIED: (P) POSSIBLE (UNVERIFIED)
 - FACILITY NUMBER (IF APPLICABLE)
 - PARCEL NUMBER



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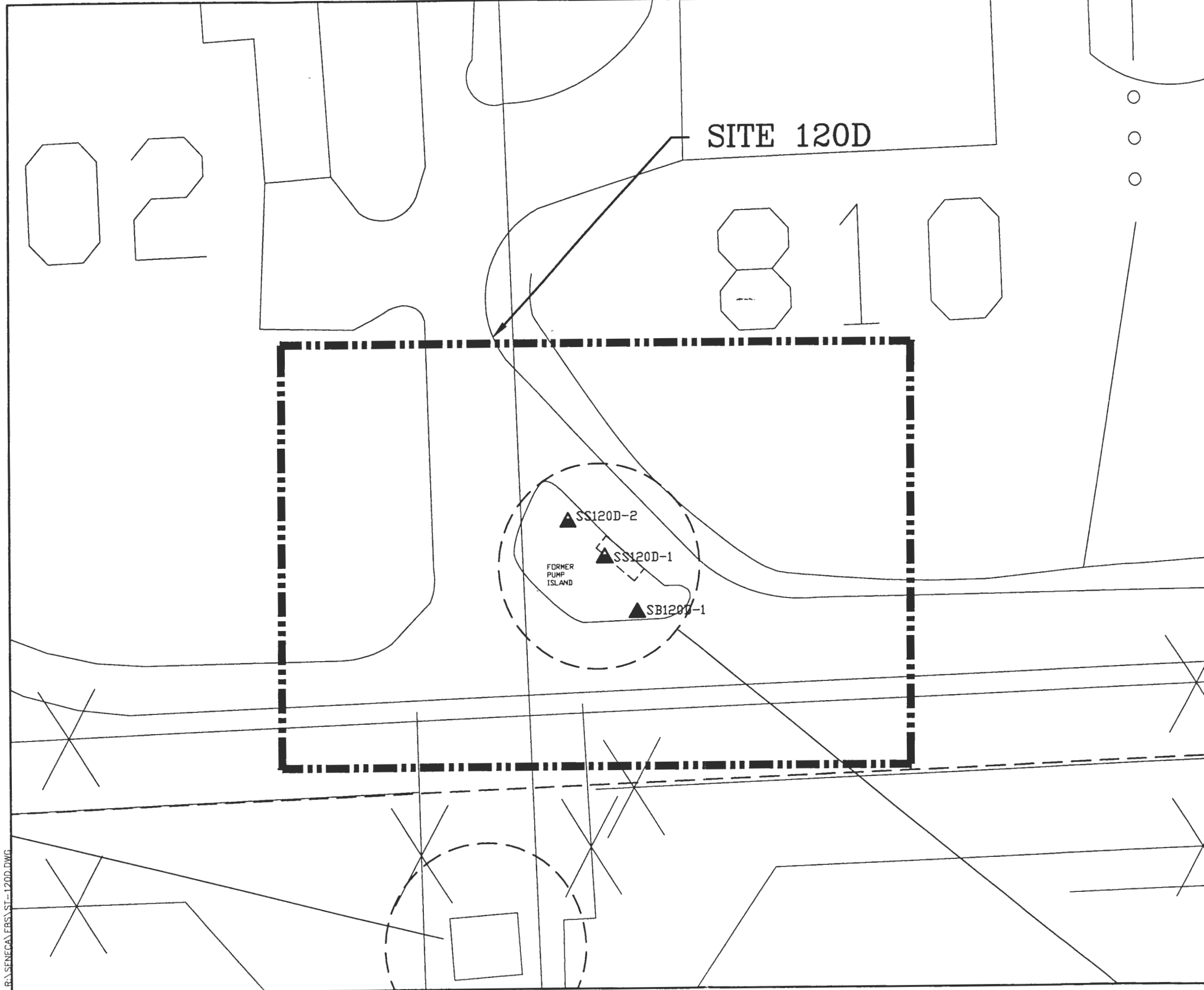
CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
ENVIROMENTAL BASELINE SURVEY
INVESTIGATION OF NON-EVALUATED SITES**

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 18-1
SITE FEATURES AT EBS SITE 120C
BLDG.813-817 PAINTS AND SOLVENT DISPOSAL AREA

SCALE 1" = 200' DATE FEBRUARY 1999 REV NA

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SITE 120D

LEGEND:

- ▲ SOIL BORING
SB123B-1
- ▲ SURFACE SOIL SAMPLE
SS123B-1
- ▭ FORMERLY 2,000 GAL UNDERGROUND STORAGE TANK

BRAC PARCEL LABEL DEFINITIONS
 B(2)PS
 CONTAMINATION DESCRIPTION: PS PETROLEUM STORAGE, PR PETROLEUM RELEASE OR DISPOSAL, HS HAZARDOUS SUBSTANCE STORAGE, HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL, (P) POSSIBLE (UNVERIFIED)
 CATEGORY NUMBER
 PARCEL NUMBER

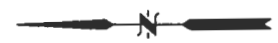
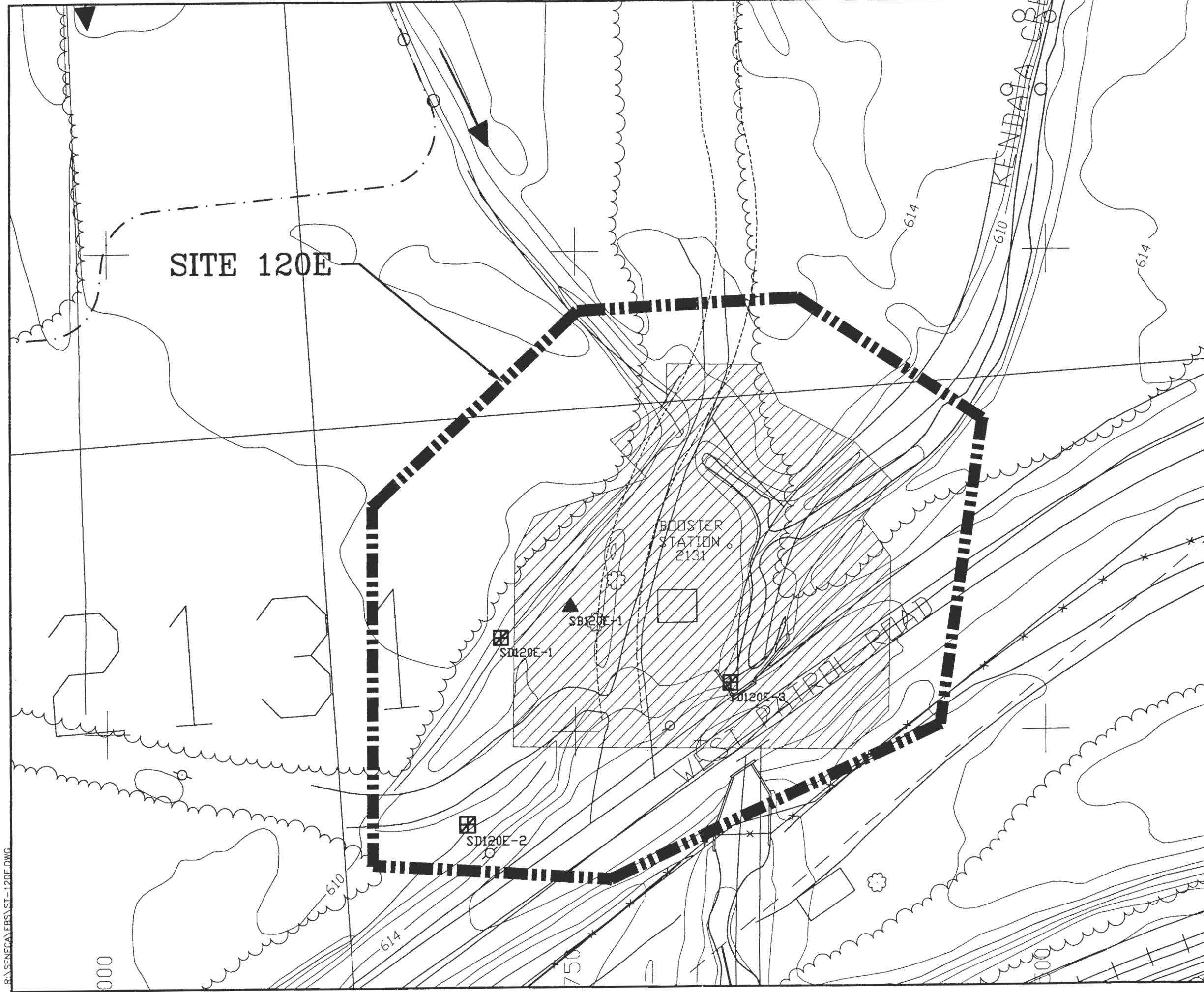
NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS
 B-19Q-A(P)
 QUALIFIERS: A ASBESTOS-CONTAINING MATERIAL, L LEAD-BASED PAINT, P PCB, R RADON, X UXO AND/OR ORDNANCE FRAGMENTS, RD RADIOISOTOPES, (P) POSSIBLE (UNVERIFIED)
 QUALIFIED
 FACILITY NUMBER (IF APPLICABLE)
 PARCEL NUMBER






SCALE: 1" = 50'

PARSONS
PARSONS ENGINEERING SCIENCE, INC.
 CLIENT/PROJECT TITLE
SENECA ARMY DEPOT ACTIVITY
ENVIROMENTAL BASELINE SURVEY
INVESTIGATION OF NON-EVALUATED SITES
 DEPT: ENVIRONMENTAL ENGINEERING Dwg. No.
FIGURE 19-1
 SITE FEATURES AND SAMPLE LOCATIONS AT
 EBS SITE 120D MP REFEULING ISLAND IN THE Q
 SCALE: 1" = 50' DATE: FEBRUARY 1999 REV: NA

R:\SENECA\EBS\ST-120D.DWG



LEGEND:

-  SOIL BORING
- SB120E-1
-  SEDIMENT SAMPLE
- SD120E-1
-  EXTENT OF EM-31 GEOPHYSICAL SURVEY

BRAC PARCEL LABEL DEFINITIONS

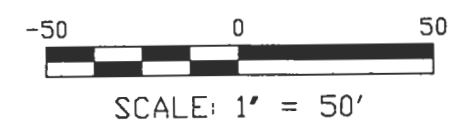
8(2)PS

CONTINUATION DESCRIPTION	PS	PETROLEUM STORAGE
	PR	PETROLEUM RELEASE OR DISPOSAL
	HS	HAZARDOUS SUBSTANCE STORAGE
	HR	HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
CATEGORY NUMBER	(P)	POSSIBLE (UNVERIFIED)
PARCEL NUMBER		

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

8-19Q-A(P)

QUALIFIERS	A	ASBESTOS-CONTAINING MATERIAL
	B	LEAD-BASED PAINT
	P	PETROLEUM
	R	RADON
	X	UXO AND/OR ORDNANCE FRAGMENTS
	RD	RADIOISOTOPES
QUALIFIED	(P)	POSSIBLE (UNVERIFIED)
FACILITY NUMBER (IF APPLICABLE)		
PARCEL NUMBER		



PARSONS
PARSONS ENGINEERING SCIENCE, INC.

CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES**

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No. 733193-01001

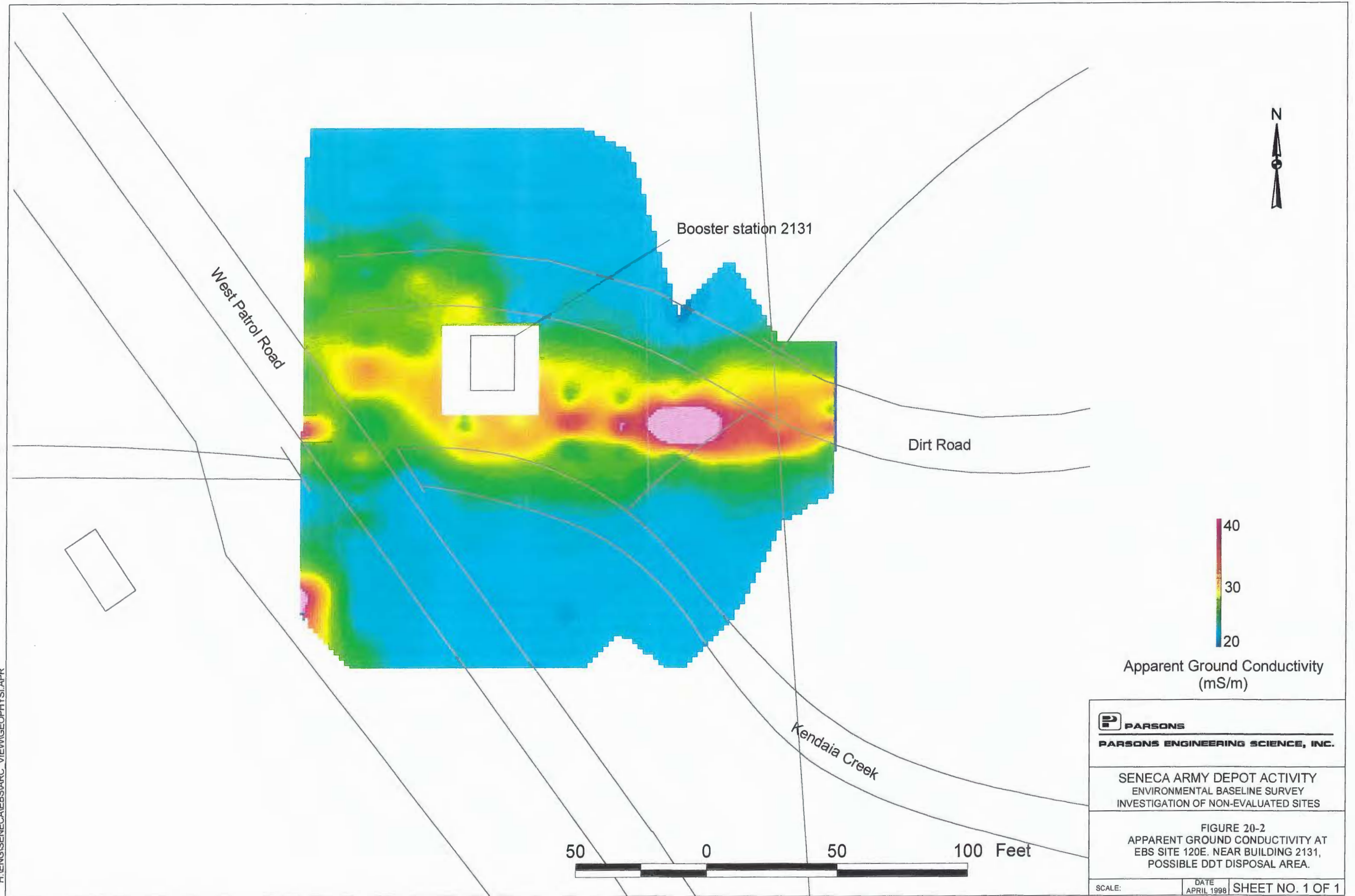
FIGURE 20-1

SITE FEATURES, SAMPLE LOCATIONS, & GEOPHYSICAL GRID AT
 EBS SITE 120E NEAR BLDG 2131, POSSIBLE DDT DISPOSAL

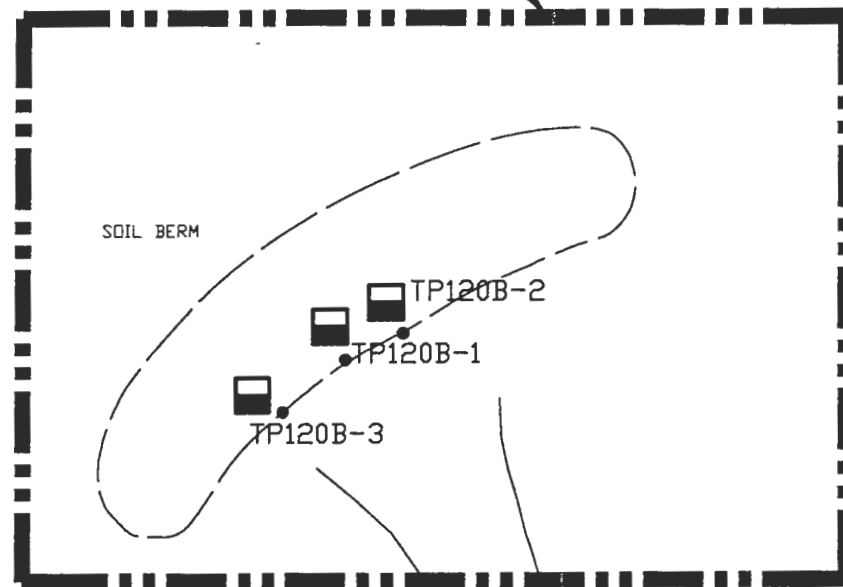
SCALE: 1" = 50' DATE: FEBRUARY 1999 REV: NA

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H:\ENGIN\SENECA\IEBS\ARC_VIEW\GEOPHYSI\APR



SITE 120B



LEGEND:

-  TP120A-1 TEST PIT
-  TARGET MOUNTING FRAME SUPPORT POST

BRAC PARCEL LABEL DEFINITIONS

B(2)PS

CONDIGNATION DESCRIPTION	PS PETROLEUM STORAGE
	PR PETROLEUM RELEASE OR DISPOSAL
	HS HAZARDOUS SUBSTANCE STORAGE
	HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
CATEGORY NUMBER	(P) POSSIBLE (UNVERIFIED)
PARCEL NUMBER	

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

B-19Q-A(P)

QUALIFIERS	A ASBESTOS-CONTAINING MATERIAL
	L LEAD-BASED PAINT
	P PCB
	R RADON
	X UXO AND/OR ORDNANCE FRAGMENTS
	RD RADONCLUSTERS
QUALIFIED	(P) POSSIBLE (UNVERIFIED)
FACTORY NUMBER (IF APPLICABLE)	
PARCEL NUMBER	



SCALE: 1" = 50'

P PARSONS
PARSONS ENGINEERING SCIENCE, INC.

CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
 COMPLETION REPORT FOR
 SIX AREAS OF CONCERN**

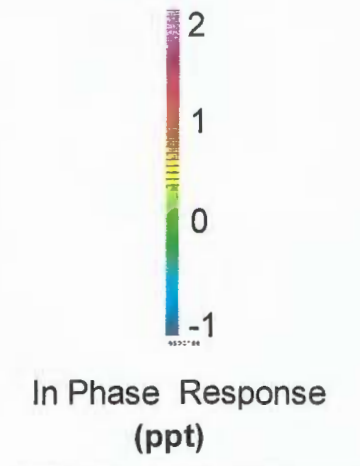
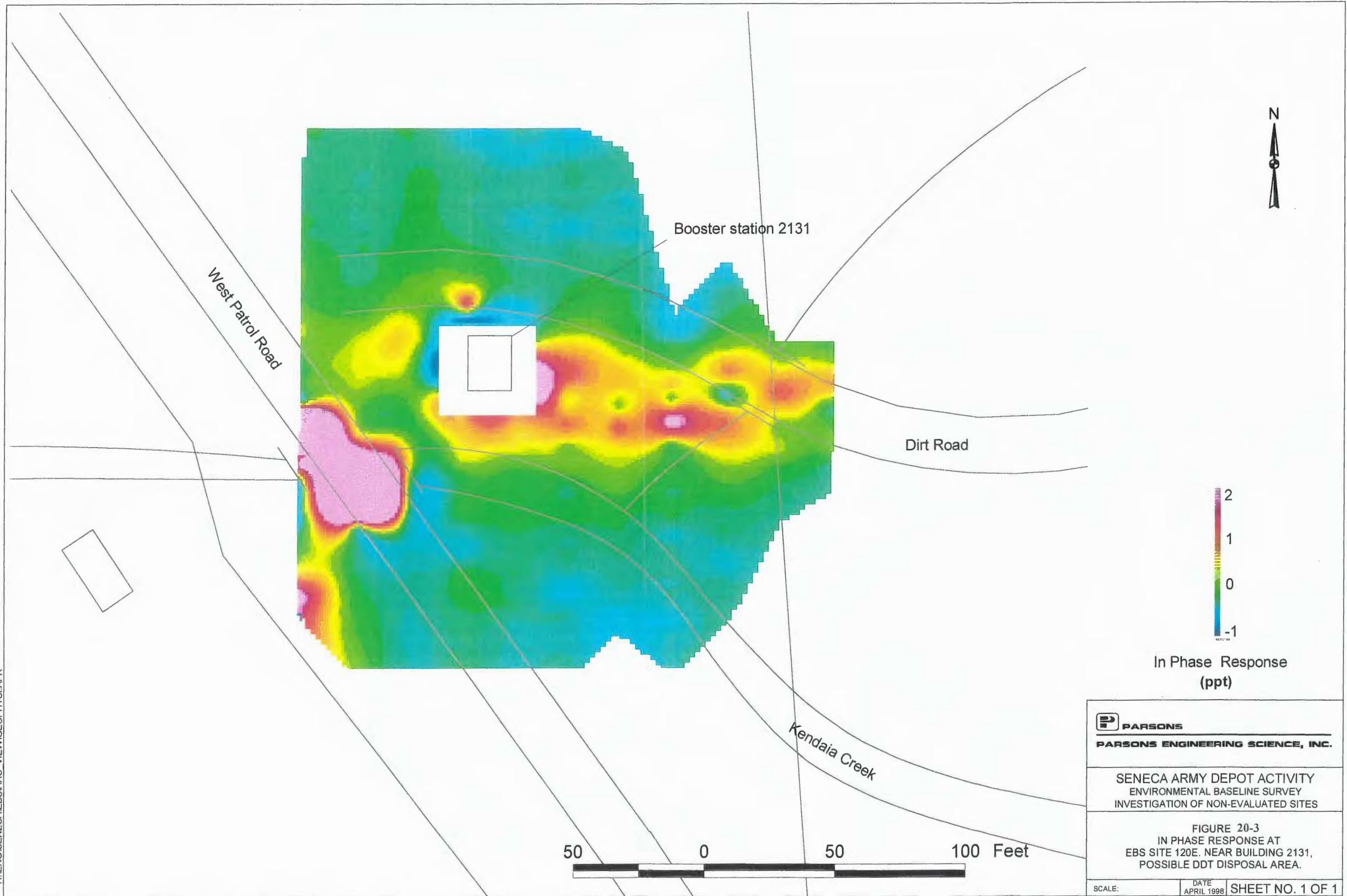
DEPT. ENVIRONMENTAL ENGINEERING Dwg. No. 734967-01001

FIGURE 17-1
 SITE FEATURES AND SAMPLE LOCATIONS AT EBS
 SITE 120B OVID ROAD SMALL ARMS RANGE

SCALE 1" = 50' DATE FEBRUARY 1999 REV A

R:\SENECA\FBS\ST-120B.DWG

H:\ENGINEERING\SENeca\SENeca\VIEW\GEOPHYSI\APR

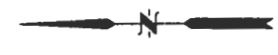
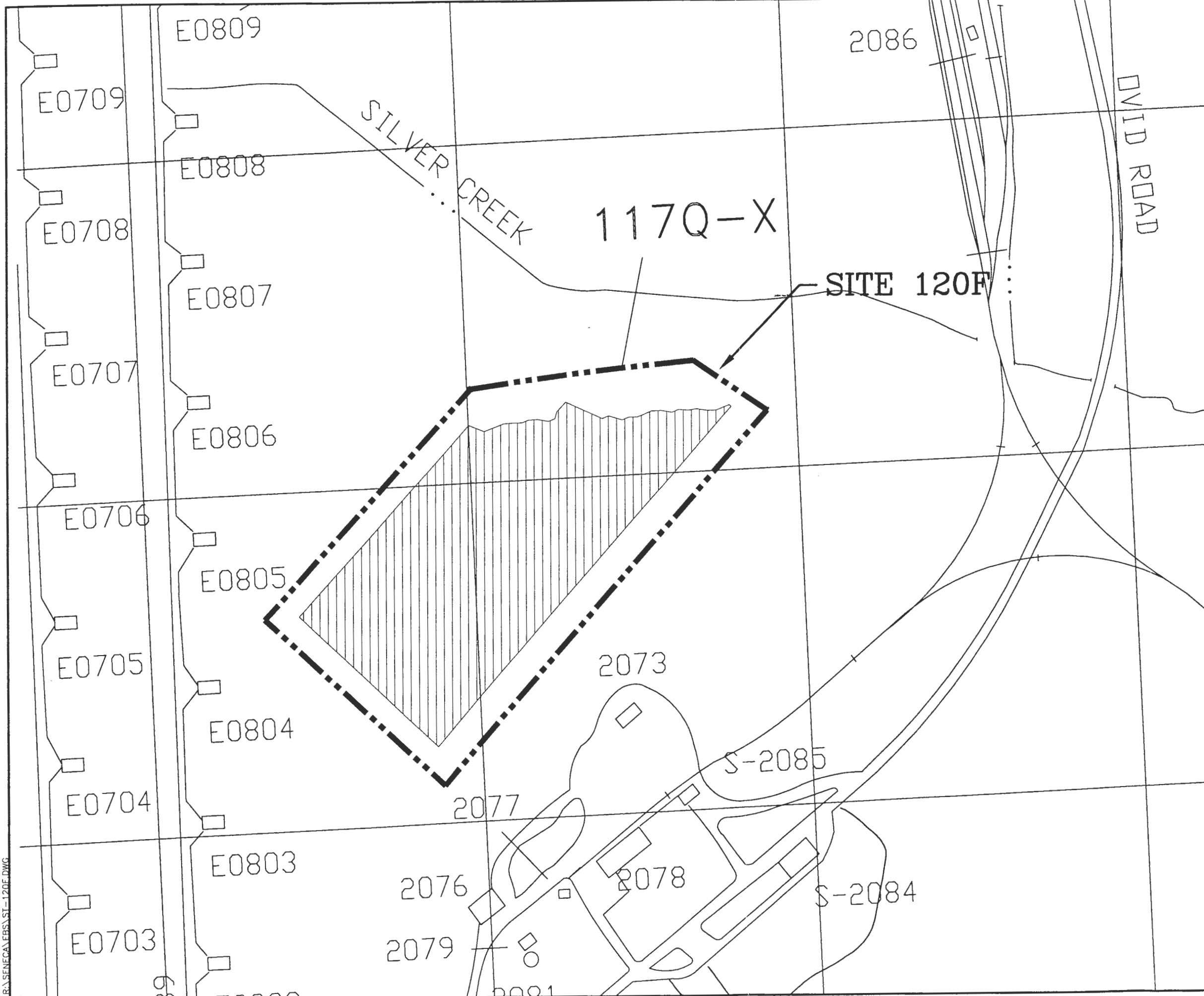


PARSONS
PARSONS ENGINEERING SCIENCE, INC.

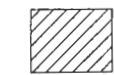
SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES

FIGURE 20-3
 IN PHASE RESPONSE AT
 EBS SITE 120E. NEAR BUILDING 2131,
 POSSIBLE DDT DISPOSAL AREA.

SCALE: DATE APRIL 1998 SHEET NO. 1 OF 1



LEGEND:



EXTENT OF EM-31
GEOPHYSICAL SURVEY

BRAC PARCEL LABEL DEFINITIONS

B(2)PS

CONTAMINATION DESCRIPTION	PS PETROLEUM STORAGE
	PR PETROLEUM RELEASE OR DISPOSAL
	HS HAZARDOUS SUBSTANCE STORAGE
	HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
CATEGORY NUMBER	(P) POSSIBLE (UNVERIFIED)
PARCEL NUMBER	

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

B-190-A(P)

QUALIFIERS	A ASBESTOS-CONTAINING MATERIAL
	L LEAD-BASED PAINT
	P PCB
	R RADON
	X UXO AND/OR ORDNANCE FRAGMENTS
	RD RADIONUCLIDES
QUALIFIED	(P) POSSIBLE (UNVERIFIED)
FACILITY NUMBER (IF APPLICABLE)	
PARCEL NUMBER	



SCALE: 1" = 300'

PARSONS
PARSONS ENGINEERING SCIENCE, INC.

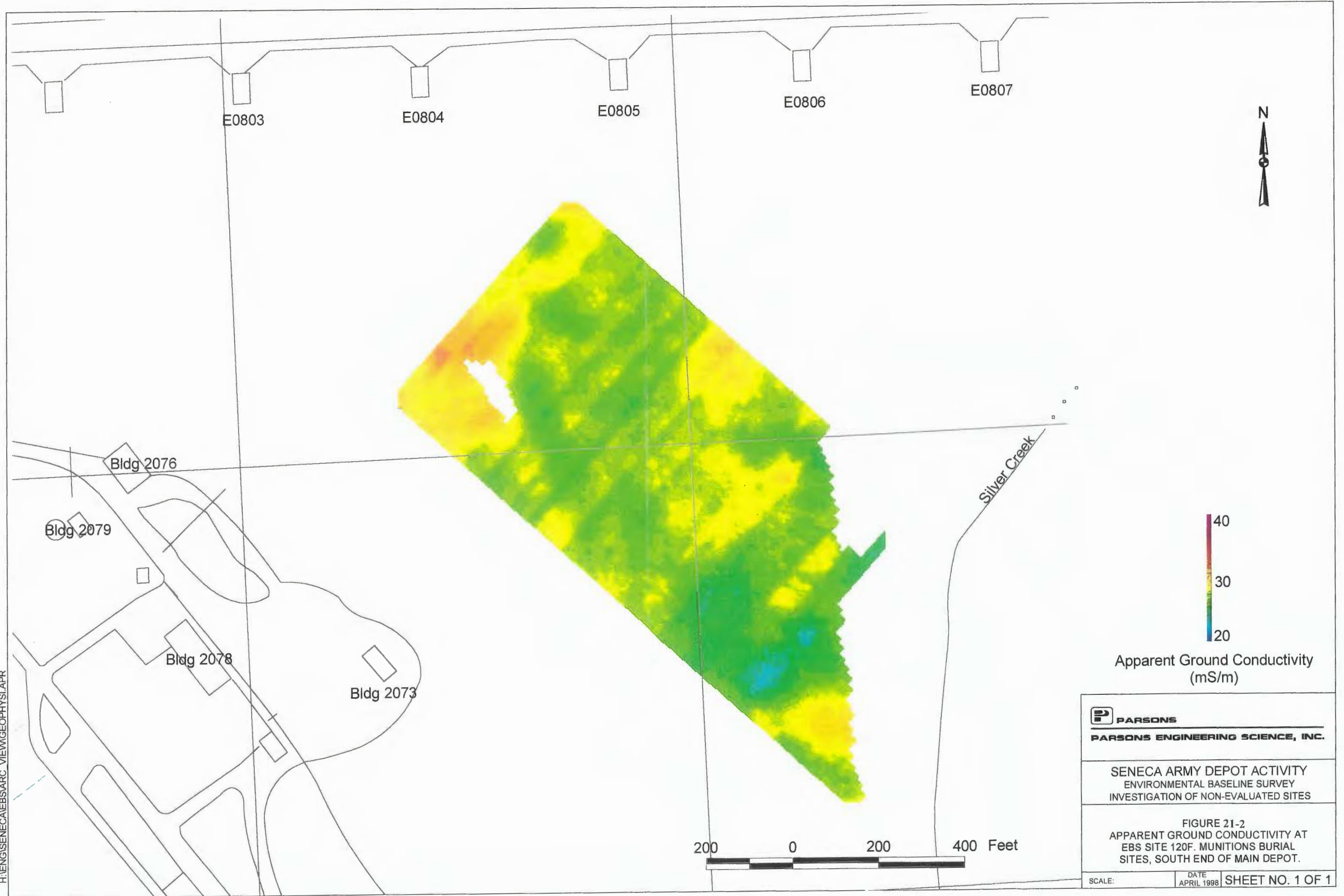
CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
INVESTIGATION OF NON-EVALUATED SITES**

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 21-1
SITE FEATURES AND GEOPHYSICAL GRID AT EBS SITE 120F
MUNITIONS BURIAL SITES SOUTH END OF THE MAIN DEPOT

SCALE 1" = 300' DATE FEBRUARY 1999 REV NA

R:\SENECA\EBS\ST-120F.DWG



H:\ENGINEERING\SENeca\SENeca\VIEW\GEOPHYS\APR

PARSONS
PARSONS ENGINEERING SCIENCE, INC.

SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES

FIGURE 21-2
 APPARENT GROUND CONDUCTIVITY AT
 EBS SITE 120F. MUNITIONS BURIAL
 SITES, SOUTH END OF MAIN DEPOT.

SCALE: DATE APRIL 1998 SHEET NO. 1 OF 1



H:\ENISENECA\EB\SIARC_VIEW\GEOPHYSI\APR

PARSONS
PARSONS ENGINEERING SCIENCE, INC.

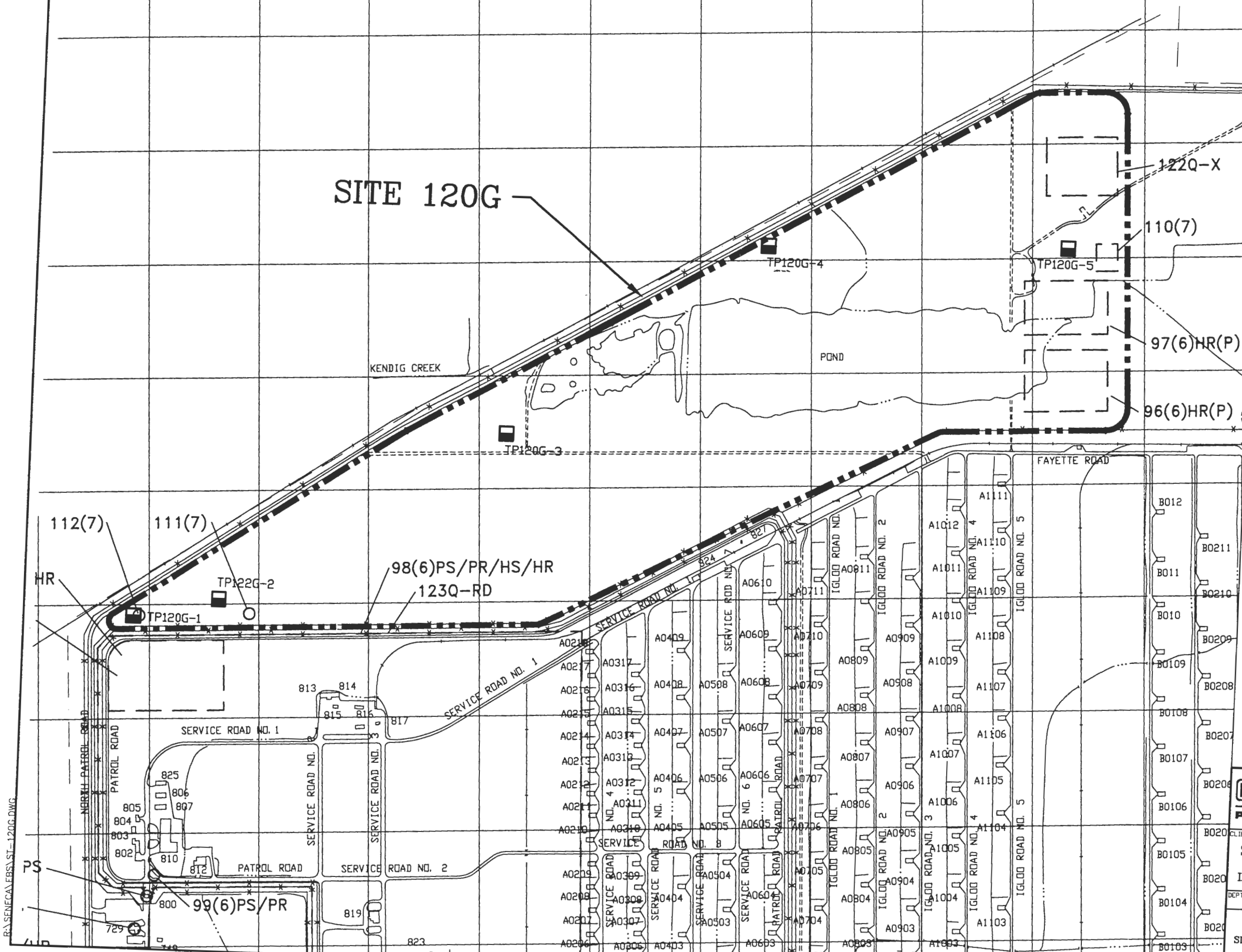
SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES

FIGURE 21-3
 IN PHASE RESPONSE AT
 EBS SITE 120F. MUNITIONS BURIAL
 SITES, SOUTH END OF MAIN DEPOT.

SCALE: DATE APRIL 1998 SHEET NO. 1 OF 1



SITE 120G



LEGEND:

■ TP120G-1 TEST PIT

BRAC PARCEL LABEL DEFINITIONS

8(2)PS

CONTAMINATION DESCRIPTION	PS PETROLEUM STORAGE
	PR PETROLEUM RELEASE OR DISPOSAL
	HS HAZARDOUS SUBSTANCE STORAGE
	HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
	(P) POSSIBLE (UNVERIFIED)

CATEGORY NUMBER

PARCEL NUMBER

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

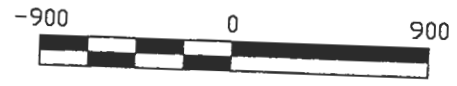
8-19Q-A(P)

QUALIFIERS	A ASBESTOS-CONTAINING MATERIAL
	L LEAD-BASED PAINT
	P PCB
	R RADON
	X UXO AND/OR ORDNANCE FRAGMENTS
	RD RADIONUCLIDES
	(P) POSSIBLE (UNVERIFIED)

QUALIFIED

FACILITY NUMBER (IF APPLICABLE)

PARCEL NUMBER



SCALE: 1" = 900'

P PARSONS
PARSONS ENGINEERING SCIENCE, INC.

CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES**

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 22-1

SITE FEATURES AND SAMPLE LOCATIONS AT EBS
 SITE 120G MOUNDS AT THE DUCK POND

SCALE 1" = 900' DATE FEBRUARY 1999 REV NA

R:\SENECA\FBS\ST-120G.DWG



SEAD 121A

N. Y. STATE HIGHWAY ROUTE 96

EAST PATROL ROAD

10(2)PS

4(3)PR/HR

U. S. COAST GUARD
LORAN "C" STATION

63(6)PS/HS/HR

45(3)HS/HR

356

357

131(3)PS/PR/HS/HR

70(6)HS/HR(P)

69(6)HS/HR(P)

606

9(2)HS(P)

62(6)HR(P)

LEGEND:

SEAD-121B NON-EVALUATED EBS SITE

BRAC PARCEL LABEL DEFINITIONS

8(2)PS

CONTINUATION DESCRIPTION	PS	PETROLEUM STORAGE
	PR	PETROLEUM RELEASE OR DISPOSAL
	HS	HAZARDOUS SUBSTANCE STORAGE
	HR	HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
CATEGORY NUMBER	(P)	POSSIBLE (UNVERIFIED)
PARCEL NUMBER		

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

8-190-A(P)

QUALIFIERS	A	ASBESTOS-CONTAINING MATERIAL
	L	LEAD-BASED PAINT
	P	PCB
	R	RADON
	X	UXO AND/OR ORDNANCE FRAGMENTS
	RD	RADIONUCLIDES
QUALIFIED	(P)	POSSIBLE (UNVERIFIED)
FACILITY NUMBER (IF APPLICABLE)		
PARCEL NUMBER		



SCALE: 1" = 500'

P PARSONS
PARSONS ENGINEERING SCIENCE, INC.

CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
INVESTIGATION OF NON-EVALUATED SITES**

DEPT. **ENVIRONMENTAL ENGINEERING** Dwg. No.

**FIGURE 26-1
SITE FEATURES AT EBS SEAD-121A
USCG HALON DISCHARGE**

SCALE: 1" = 500' DATE: **FEBRUARY 1999** REV: **NA**

R:\SENECA\ERS\LOWA\ST-121A.DWG

SERVICE ROAD NO. 1

NORTH PATROL ROAD

PATROL ROAD

PATROL ROAD

SITE 120H

825

806

807

805

804

803

802

810

812

800

99(6)PS/PR

729



BRAC PARCEL LABEL DEFINITIONS
 8(2)PS

CONTAMINATION DESCRIPTION	PS	PETROLEUM STORAGE
	PR	PETROLEUM RELEASE OR DISPOSAL
	HS	HAZARDOUS SUBSTANCE STORAGE
	HR	HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
CATEGORY NUMBER	(P)	POSSIBLE (UNVERIFIED)
PARCEL NUMBER		

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS
 8-19Q-A(P)

QUALIFIERS	A	ASBESTOS-CONTAINING MATERIAL
	L	LEAD-BASED PAINT
	P	PCB
	R	RADON
	X	UXO AND/OR ORDNANCE FRAGMENTS
	RD	RADIOISOTOPES
QUALIFIED	(P)	POSSIBLE (UNVERIFIED)
FACILITY NUMBER (IF APPLICABLE)		
PARCEL NUMBER		



SCALE: 1" = 200'

P PARSONS
 PARSONS ENGINEERING SCIENCE, INC.

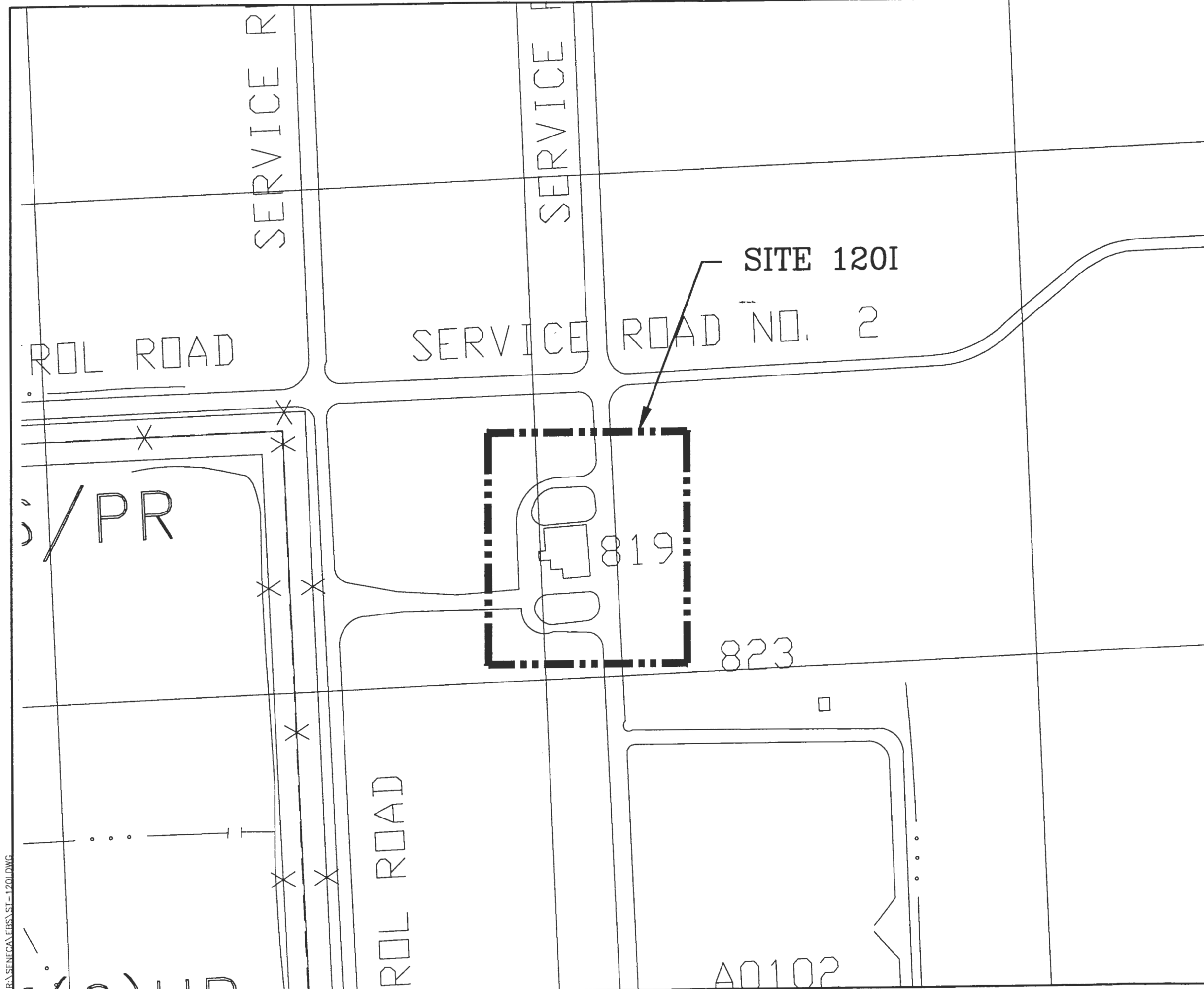
CLIENT/PROJECT TITLE
 SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 23-1
 SITE FEATURES AT EBS SITE 120H
 BUILDING 810

SCALE 1" = 200' DATE FEBRUARY 1999 REV NA

R:\SENECA\FBS\ST-120H.DWG

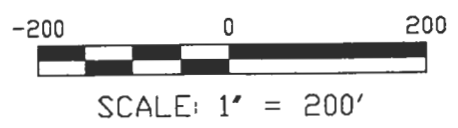


BRAC PARCEL LABEL DEFINITIONS
B(2)PS

CONTAMINATION DESCRIPTION	PS	PETROLEUM STORAGE
	PR	PETROLEUM RELEASE OR DISPOSAL
	HS	HAZARDOUS SUBSTANCE STORAGE
	HR	HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
CATEGORY NUMBER	(P)	POSSIBLE (UNVERIFIED)
PARCEL NUMBER		

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS
B-19Q-A(P)

QUALIFIERS	A	ASBESTOS-CONTAINING MATERIAL
	L	LEAD-BASED PAINT
	P	PCB
	R	RADON
	X	UXO AND/OR ORDNANCE FRAGMENTS
	RD	RADIONUCLIDES
QUALIFIED	(P)	POSSIBLE (UNVERIFIED)
FACILITY NUMBER (F APPLICABLE)		
PARCEL NUMBER		



PARSONS
PARSONS ENGINEERING SCIENCE, INC.

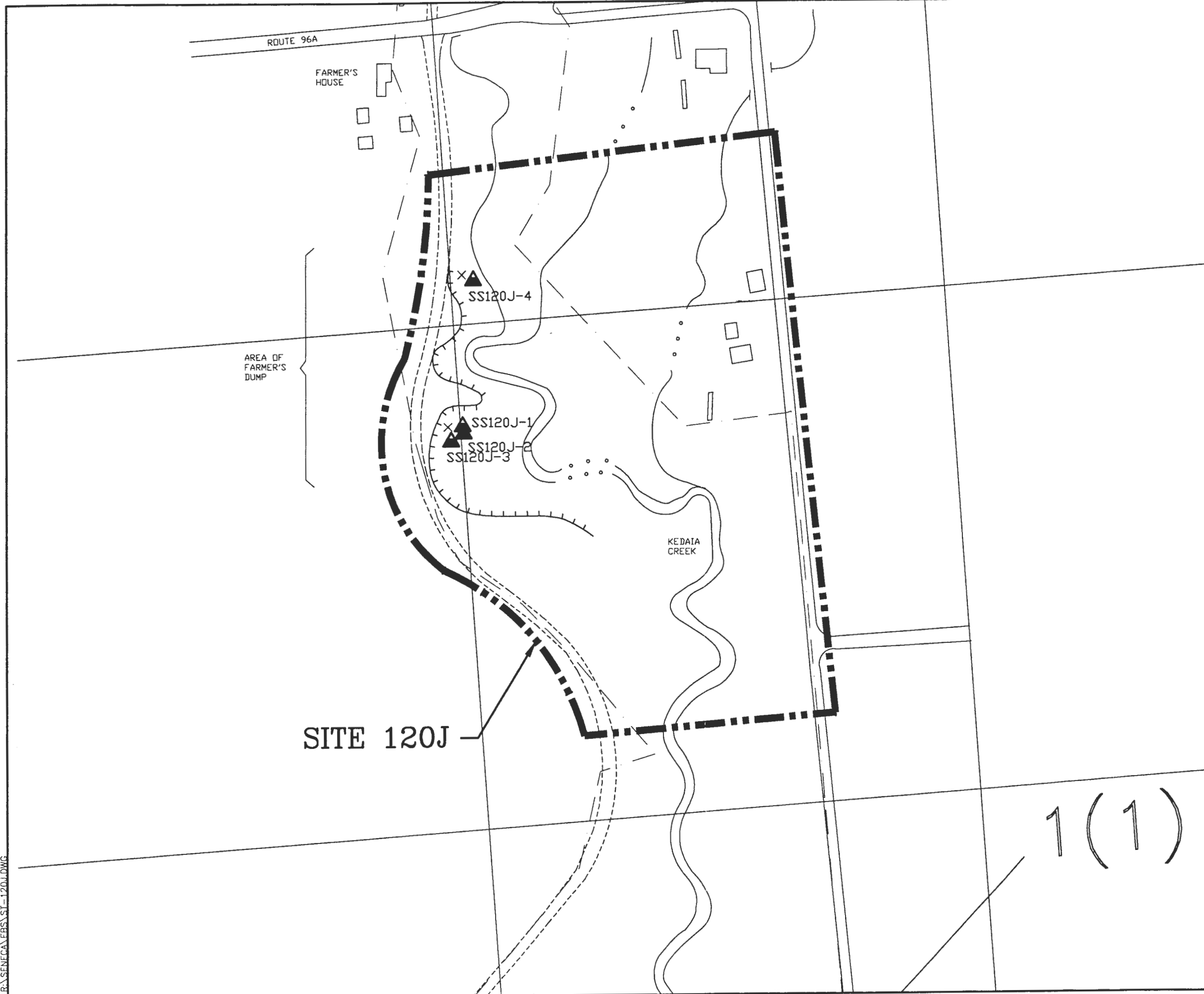
CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES**

DEPT. **ENVIRONMENTAL ENGINEERING** Dwg. No.

FIGURE 24-1
SITE FEATURES AT EBS SITE 120I
BUILDING 819, A0101 AND A0102

SCALE **1" = 200'** DATE **FEBRUARY 1999** REV **NA**

P:\SENECA\EBS\ST-120I.DWG



LEGEND:

- × DEBRIS PILE
- UP DOWN ESCARPMENT
- - - DIRT ROAD
- ▲ SS120J-1 SURFACE SOIL SAMPLE

BRAC PARCEL LABEL DEFINITIONS

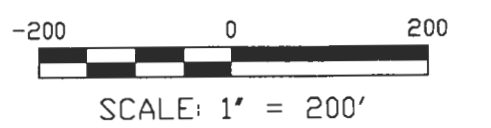
B(2)PS

CONTAMINATION DESCRIPTION	PS PETROLEUM STORAGE
	PR PETROLEUM RELEASE OR DISPOSAL
	HS HAZARDOUS SUBSTANCE STORAGE
	HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
CATEGORY NUMBER	(P) POSSIBLE (UNVERIFIED)
PARCEL NUMBER	

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

B-19Q-A(P)

QUALIFIERS	A ASBESTOS-CONTAINING MATERIAL
	L LEAD-BASED PAINT
	P PCB
	R RADON
	X UNID AND/OR ORDNANCE FRAGMENTS
QUALIFIED	(P) POSSIBLE (UNVERIFIED)
FACILITY NUMBER (IF APPLICABLE)	
PARCEL NUMBER	



1 (1)

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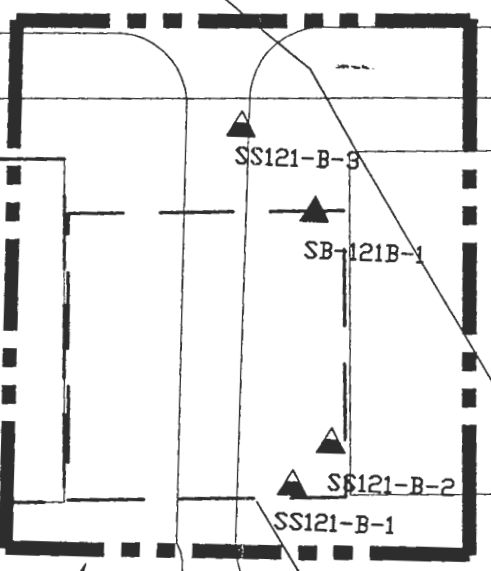
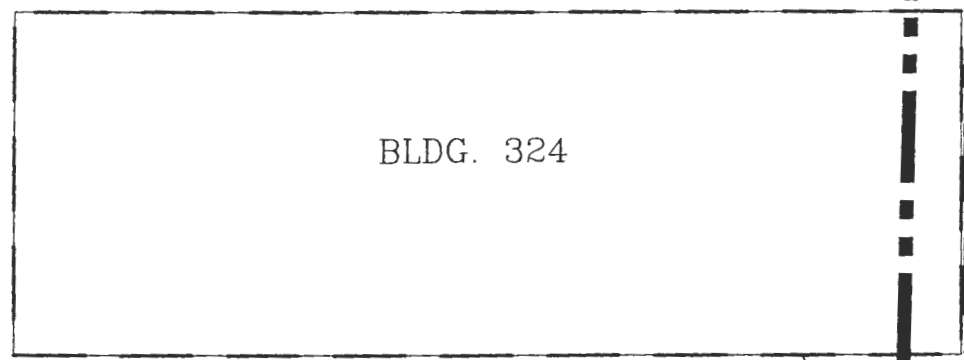
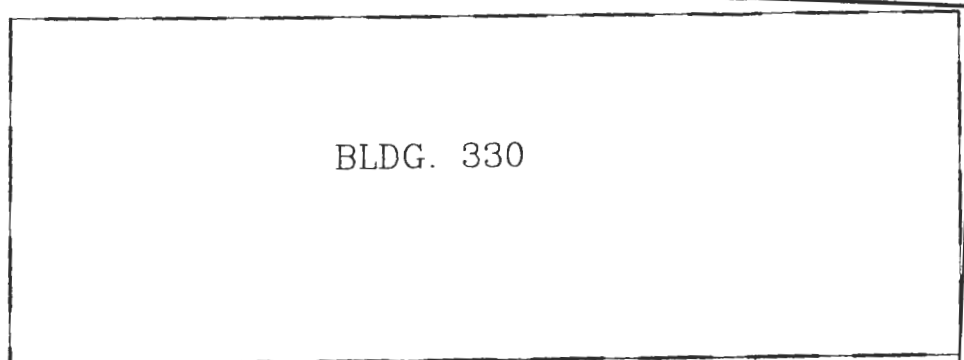
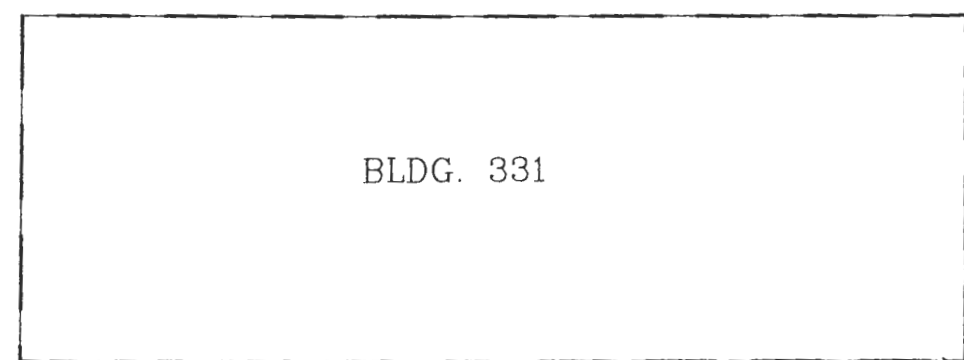
CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES**

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 25-1
**SITE FEATURES AND SAMPLE LOCATIONS
 AT EBS SITE 120J FARMER'S DUMP**

SCALE 1" = 200' DATE FEBRUARY 1999 REV NA

P:\SENECA\EBS\ST-120.J.DWG





AVENUE A

SEAD 121B



LEGEND:

-  SOIL BORING
- SB121B-1
-  SURFACE SOIL SAMPLE
- SS121B-1
- SEAD-121B NON-EVALUATED EBS SITE

BRAC PARCEL LABEL DEFINITIONS

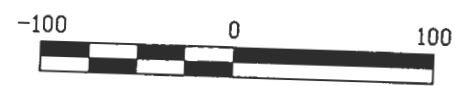
B(2)PS

CONTAMINATION DESCRIPTION	PS PETROLEUM STORAGE
	PR PETROLEUM RELEASE OR DISPOSAL
	HS HAZARDOUS SUBSTANCE STORAGE
	HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
CATEGORY NUMBER	(P) POSSIBLE (UNVERIFIED)
PARCEL NUMBER	

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

B-190-A(P)

QUALIFIERS	A ASBESTOS-CONTAINING MATERIAL
	L LEAD-BASED PAINT
	P PCB
	R RADON
	X UXO AND/OR ORDNANCE FRAGMENTS
	RD RADIONUCLIDES
QUALIFIED	(P) POSSIBLE (UNVERIFIED)
FACILITY NUMBER (IF APPLICABLE)	
PARCEL NUMBER	



SCALE: 1" = 100'

P PARSONS
PARSONS ENGINEERING SCIENCE, INC.

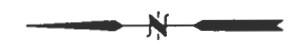
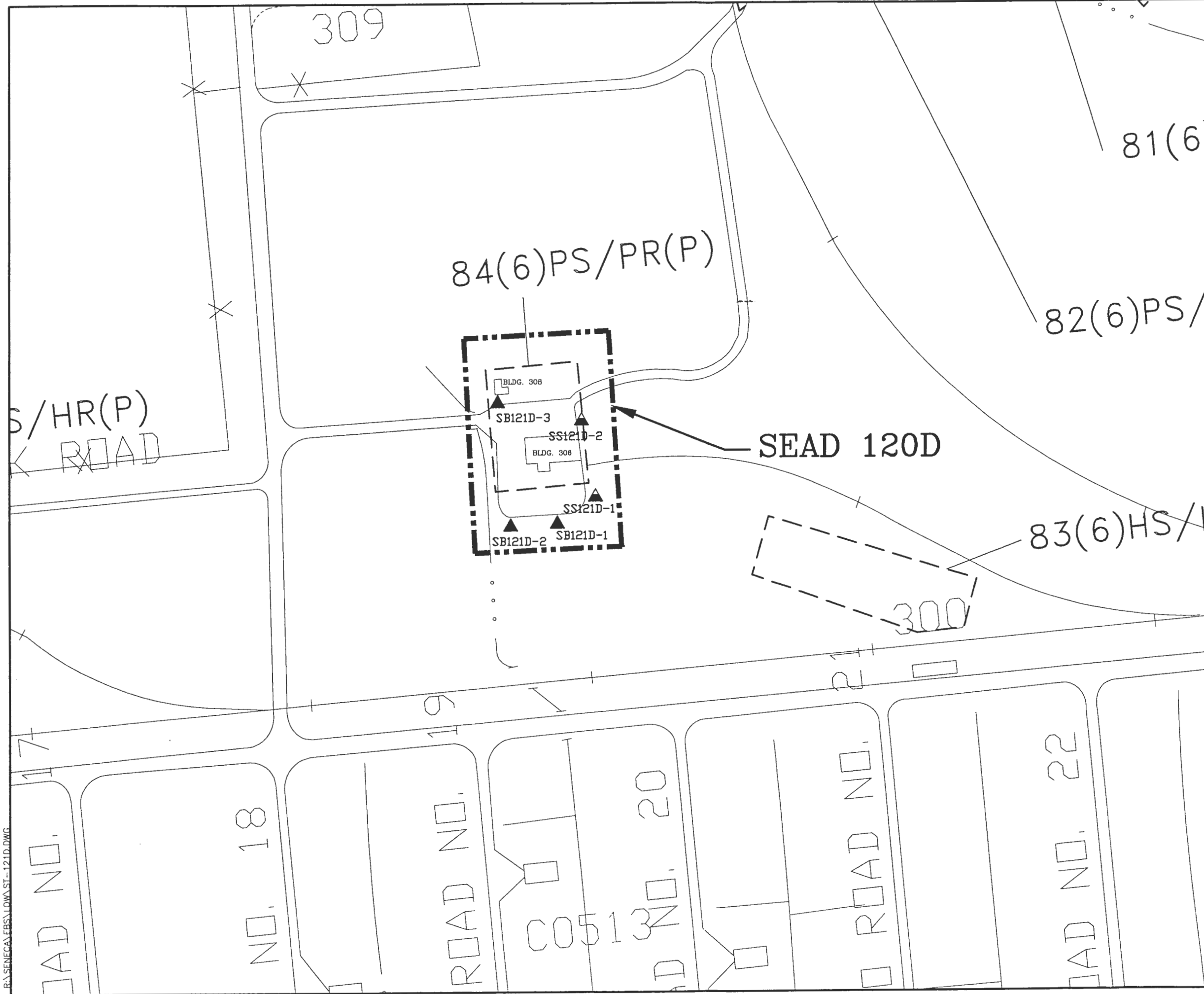
CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
INVESTIGATION OF NON-EVALUATED SITES**

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 27-1
SITE FEATURES AND SAMPLE LOCATIONS AT
EBS SEAD 121B, BUILDING 325 PCB OIL SPILL

SCALE 1" = 100' DATE FEBRUARY 1999 REV NA

R:\SENECA\EBS\LOW ST-121B.DWG



LEGEND:

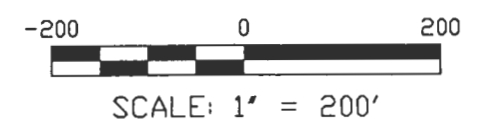
- ▲ SB121D-1 SOIL BORING
- ▲ SS121D-1 SURFACE SOIL SAMPLE
- SEAD-121B NON-EVALUATED EBS SITE

BRAC PARCEL LABEL DEFINITIONS
B(2)PS

CONTAMINATION DESCRIPTION	PS	PETROLEUM STORAGE
	PR	PETROLEUM RELEASE OR DISPOSAL
	HS	HAZARDOUS SUBSTANCE STORAGE
	HR	HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
CATEGORY NUMBER	(P)	POSSIBLE (UNVERIFIED)
PARCEL NUMBER		

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS
B-190-A(P)

QUALIFIERS	A	ASBESTOS-CONTAINING MATERIAL
	L	LEAD-BASED PAINT
	P	PCB
	R	RADON
	X	UXO AND/OR ORDNANCE FRAGMENTS
QUALIFIED	RD	RADIONUCLIDES
	(P)	POSSIBLE (UNVERIFIED)
FACILITY NUMBER (IF APPLICABLE)		
PARCEL NUMBER		



PARSONS
PARSONS ENGINEERING SCIENCE, INC.

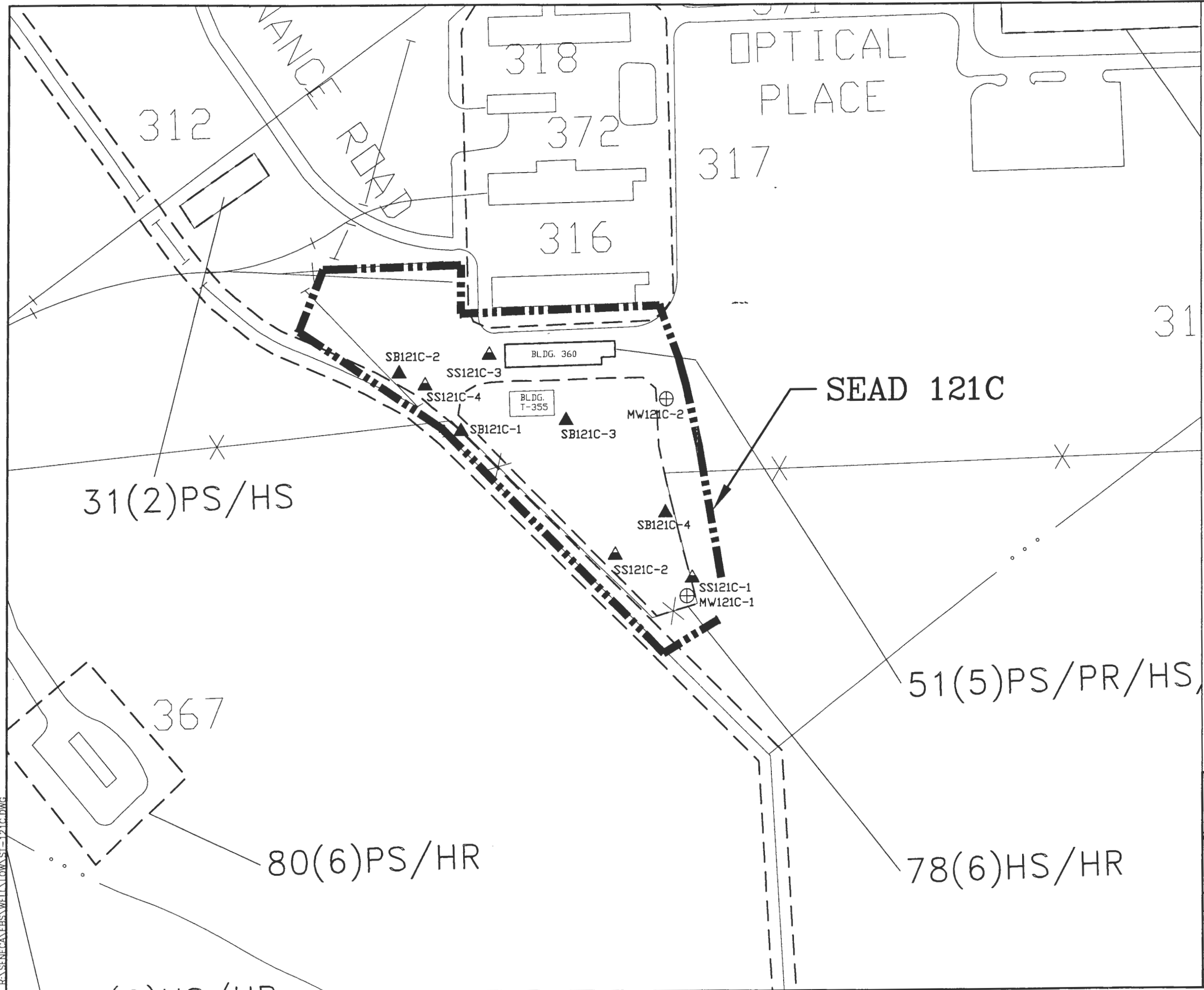
CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
 ENVIROMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES**

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 29-1
 SITE FEATURES AND SAMPLE LOCATIONS AT EBS SEAD-121D
 BUILDING 306 AND 308 HAZARDOUS MATERIALS RELEASE

SCALE 1" = 200' DATE FEBRUARY 1999 REV NA

R:\SENECA\FBS\LOW\ST-121D.DWG

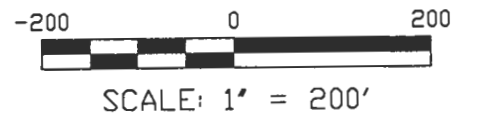


LEGEND:

- ▲ SB121C-1 SOIL BORING
- ▲ SS121C-4 SURFACE SOIL SAMPLE
- ⊕ MW121C-1 MONITORING WELL
- SEAD-121B NON-EVALUATED EBS SITE

BRAC PARCEL LABEL DEFINITIONS
 8(2)PS
 CONTAMINATION DESCRIPTION: PS PETROLEUM STORAGE, PR PETROLEUM RELEASE OR DISPOSAL, HS HAZARDOUS SUBSTANCE STORAGE, HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL, (P) POSSIBLE (UNVERIFIED)
 CATEGORY NUMBER
 PARCEL NUMBER

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS
 8-19Q-A(P)
 QUALIFIERS: A ASBESTOS-CONTAINING MATERIAL, L LEAD-BASED PAINT, P PCB, R RADON, X LIQUID AND/OR ORDNANCE FRAGMENTS, RD RADON/CLUSTERS, (P) POSSIBLE (UNVERIFIED)
 QUALIFIED
 FACILITY NUMBER (IF APPLICABLE)
 PARCEL NUMBER



P PARSONS
PARSONS ENGINEERING SCIENCE, INC.

CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES**

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 28-1
**SITE FEATURES AND SAMPLE LOCATIONS
 AT EBS SEAD-121C, DRMO YARD**

SCALE 1" = 200' DATE FEBRUARY 1999 REV NA

P:\SENECA\EBS\WELL\LOW\ST-121C.DWG



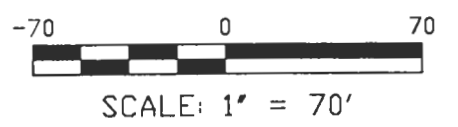
LEGEND:

▲ SOIL BORING
SB121E-1

SEAD-121B NON-EVALUATED EBS SITE

BRAC PARCEL LABEL DEFINITIONS
B(2)PS
CONTAMINATION DESCRIPTION: PS PETROLEUM STORAGE OR DISPOSAL, PR PETROLEUM RELEASE OR DISPOSAL, HS HAZARDOUS SUBSTANCE STORAGE, HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL, (P) POSSIBLE (UNVERIFIED)
CATEGORY NUMBER
PARCEL NUMBER

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS
8-19Q-A(P)
QUALIFIERS: A ASBESTOS-CONTAINING MATERIAL, L LEAD-BASED PAINT, P PCB, R RADON, X UXO AND/OR ORDNANCE FRAGMENTS, RO RADIONUCLIDES, (P) POSSIBLE (UNVERIFIED)
QUALIFIED
FACILITY NUMBER (IF APPLICABLE)
PARCEL NUMBER



P PARSONS
PARSONS ENGINEERING SCIENCE, INC.

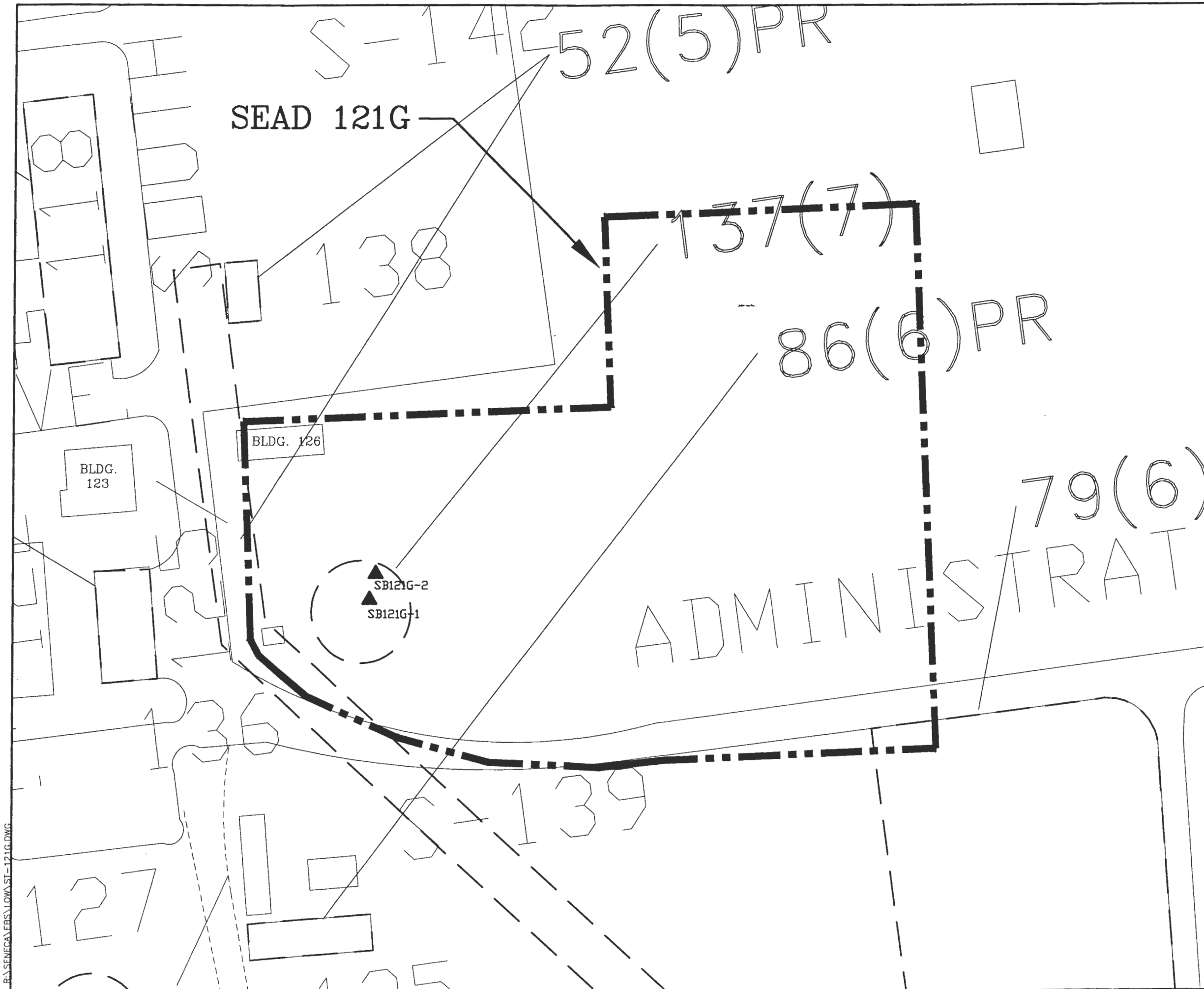
CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
INVESTIGATION OF NON-EVALUATED SITES**

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 30-1
SITE FEATURES AND SAMPLE LOCATIONS AT EBS SEAD-121E
BUILDING 127 UST PETROLEUM RELEASE

SCALE: 1" = 70' DATE: FEBRUARY 1999 REV: NA

R:\SENECA\FBS\LOWA\ST-121E.DWG



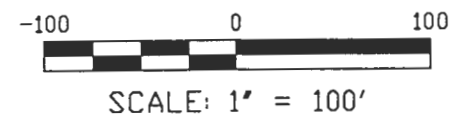
LEGEND:

▲ SOIL BORING
SB121G-1

SEAD-121B NON-EVALUATED EBS SITE

BRAC PARCEL LABEL DEFINITIONS
8(2)PS
CONTAMINATION DESCRIPTION: PS PETROLEUM STORAGE, PR PETROLEUM RELEASE OR DISPOSAL, HS HAZARDOUS SUBSTANCE STORAGE, HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL, (P) POSSIBLE (UNVERIFIED)
CATEGORY NUMBER
PARCEL NUMBER

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS
B-19Q-A(P)
QUALIFIERS: A ASBESTOS-CONTAINING MATERIAL, L LEAD-BASED PAINT, P PCB, R RADON, X LZO AND/OR ORDNANCE FRAGMENTS, RD RADIONUCLIDES, (P) POSSIBLE (UNVERIFIED)
QUALIFIED
FACILITY NUMBER (IF APPLICABLE)
PARCEL NUMBER



P PARSONS
PARSONS ENGINEERING SCIENCE, INC.

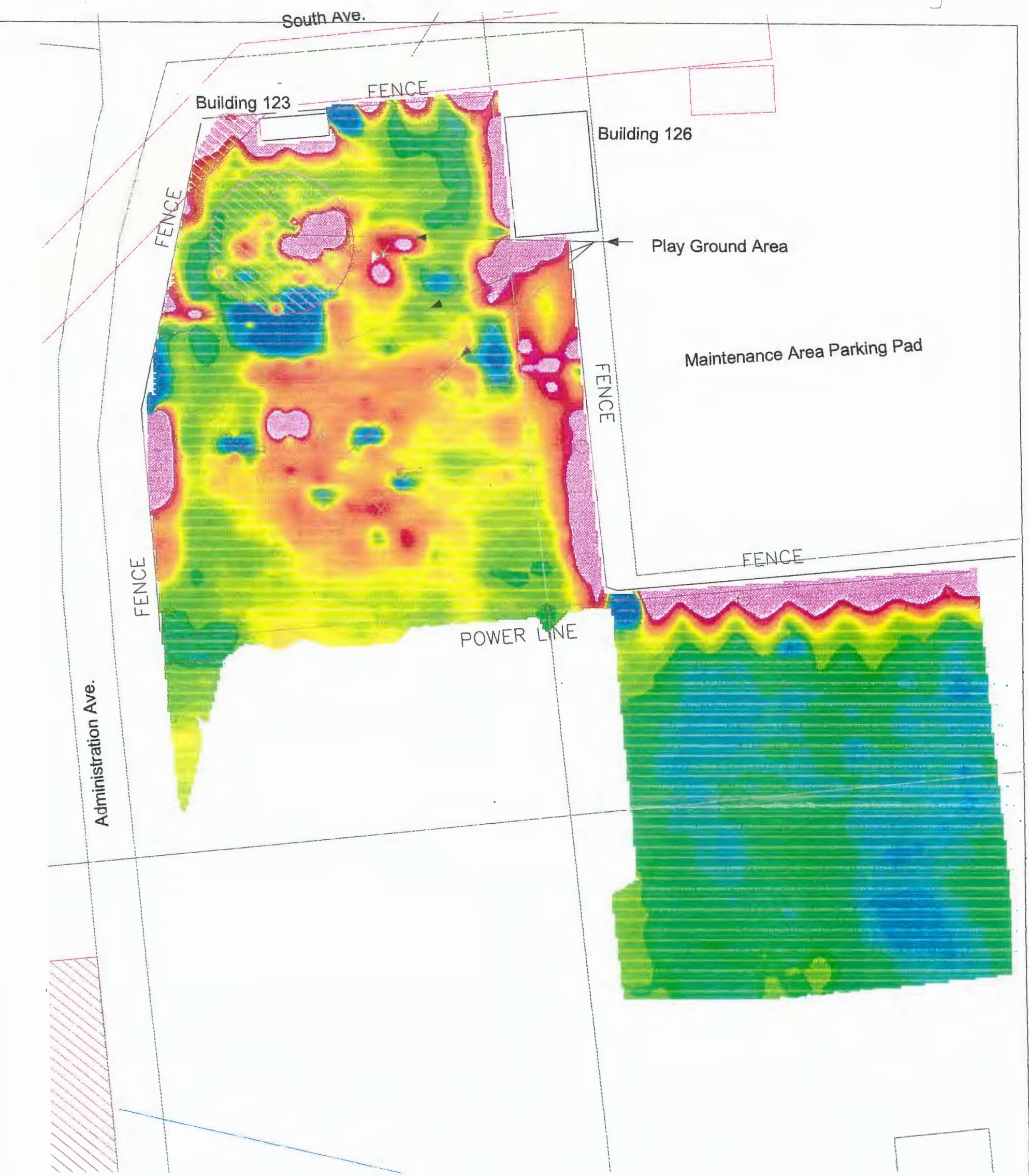
CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
INVESTIGATION OF NON-EVALUATED SITES**

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 32-1
SITE FEATURES, SAMPLE LOCATIONS AND GEOPHYSICAL
GRID AT SEAD-121G, RUMORED COAL ASH DISPOSAL AREA

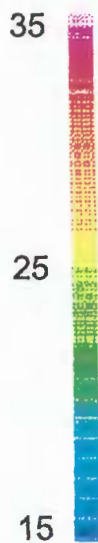
SCALE 1" = 100' DATE FEBRUARY 1999 REV NA

R:\SENECA\FBS\LOWA ST-121G.DWG

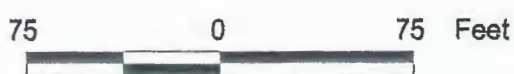



LEGEND

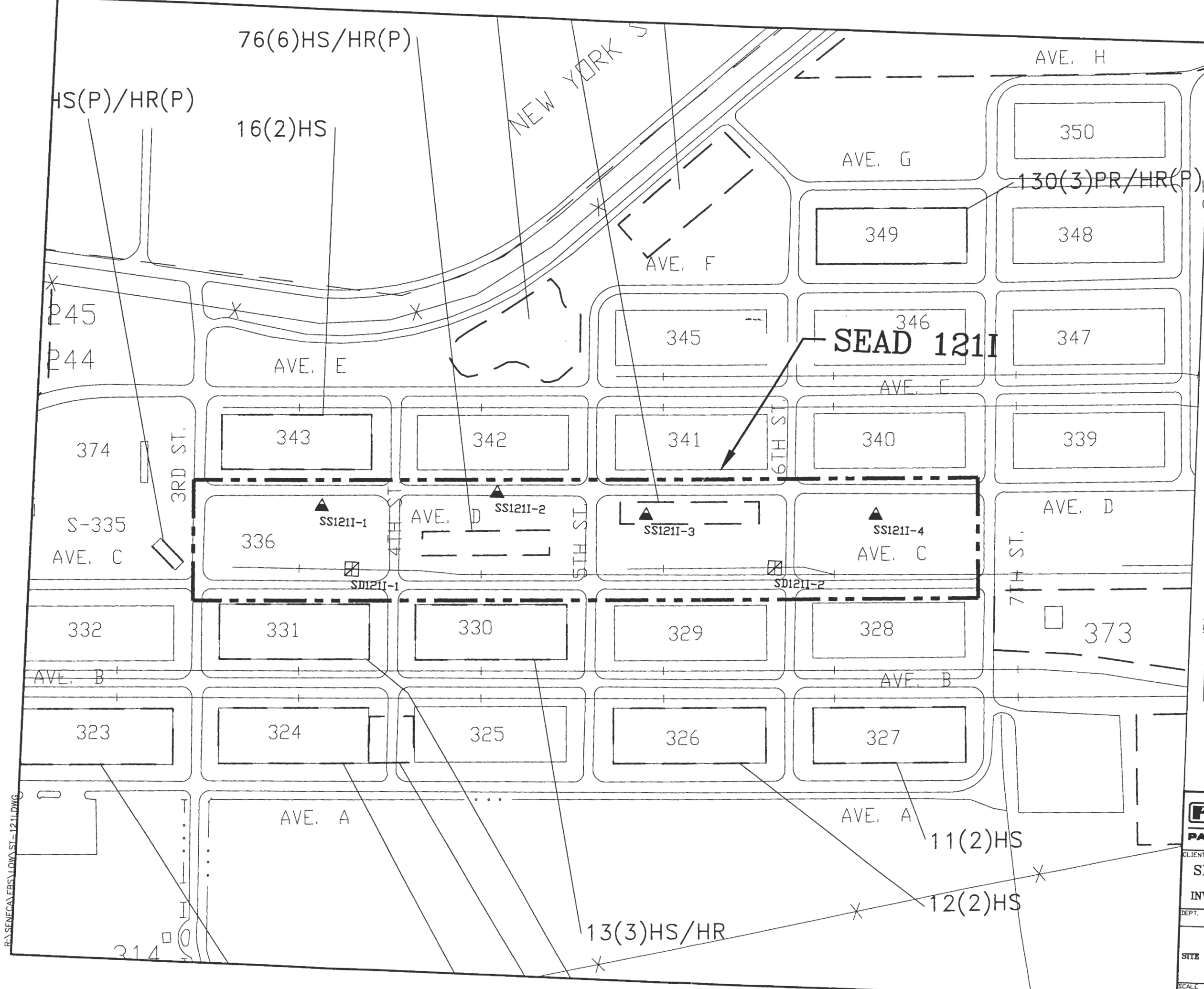
-  Mapped Metallic Surface Object
-  Metallic Park Bench
-  Parcel Associated with SEAD-121G



Apparent Ground Conductivity (mS/m)



 PARSONS	
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SENECA ARMY DEPOT ACTIVITY ENVIRONMENTAL BASELINE SURVEY SEAD-121G	
Figure : 32-2 Apparent Ground Conductivity	
Scale 1"=75 feet	Date July 1998



LEGEND:

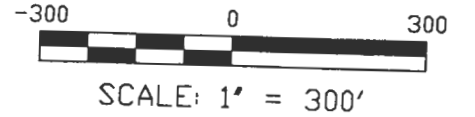
▲ SS1211-1 SURFACE SOIL BORING

▣ SD1211-1 SEDIMENT SAMPLE

SEAD-1211B NON-EVALUATED EBS SITE

BRAC PARCEL LABEL DEFINITIONS
 B(2)PS
 CONTAMINATION DESCRIPTION: PS PETROLEUM STORAGE OR DISPOSAL, PR PETROLEUM RELEASE OR DISPOSAL, HS HAZARDOUS SUBSTANCE STORAGE, HR HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL, (P) POSSIBLE (UNVERIFIED)
 CATEGORY NUMBER
 PARCEL NUMBER

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS
 B-19Q-A(P)
 QUALIFIERS: A ASBESTOS-CONTAINING MATERIAL, L LEAD-BASED PAINT, P PCB, R RADON, X UXO AND/OR ORDNANCE FRAGMENTS, RD RADIONUCLIDES, (P) POSSIBLE (UNVERIFIED)
 QUALIFIED
 FACILITY NUMBER (IF APPLICABLE)
 PARCEL NUMBER



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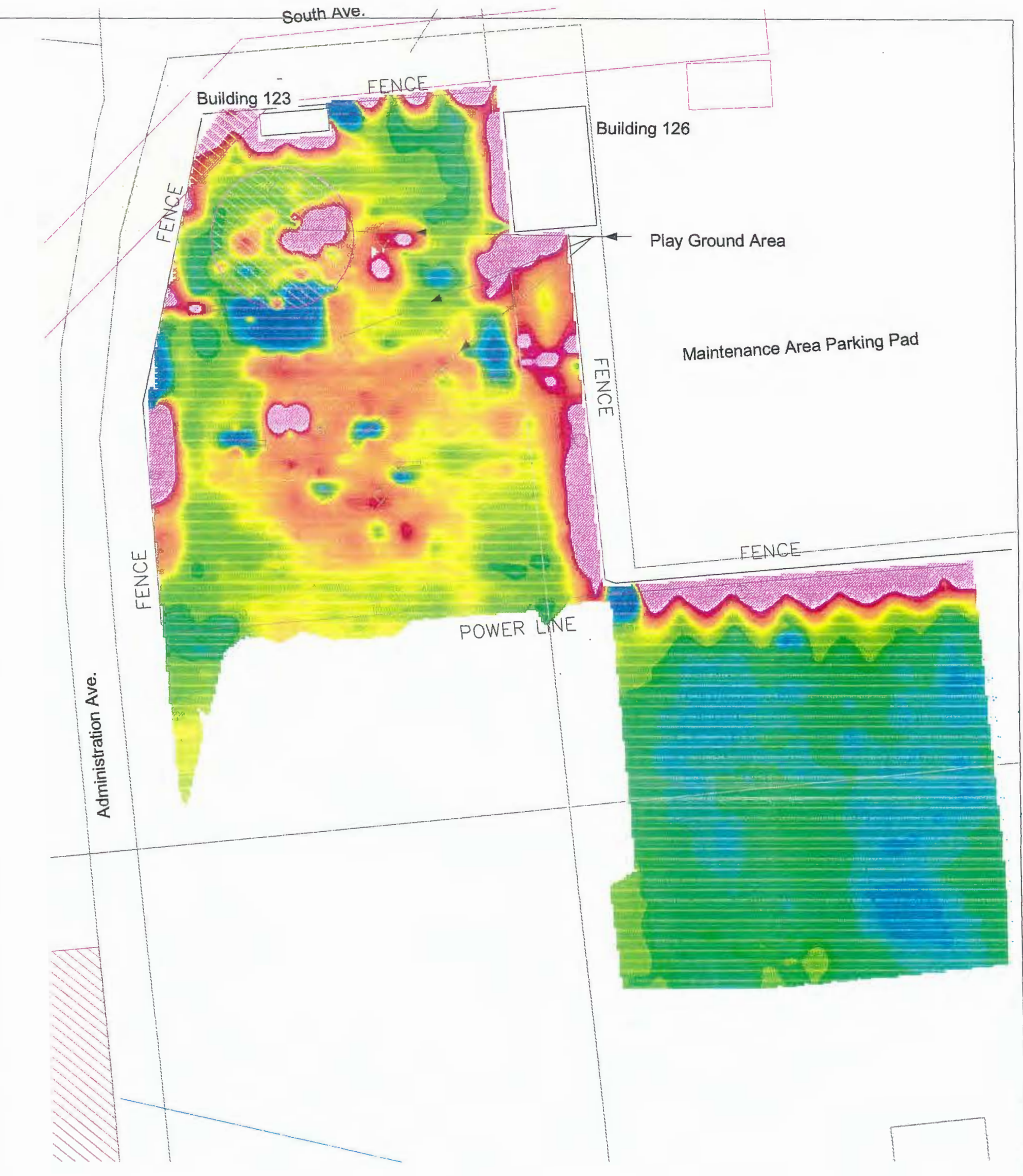
CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES**

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 34-1
 SITE FEATURES AND SAMPLE LOCATIONS AT EBS SEAD-1211
 RUMORED COSMOLINE OIL DISPOSAL AREAS

SCALE 1" = 300' DATE FEBRUARY 1999 REV NA

R:\SENECA\EBS\LOW ST-1211.DWG

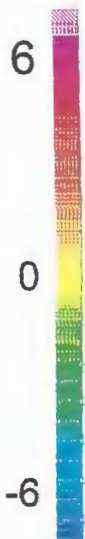


LEGEND

X Mapped Metallic Surface Object

▭ Metallic Park Bench

⊘ Parcel Associated with SEAD-121G



In-Phase Response (ppt)



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PARSONS ENGINEERING SCIENCE, INC.

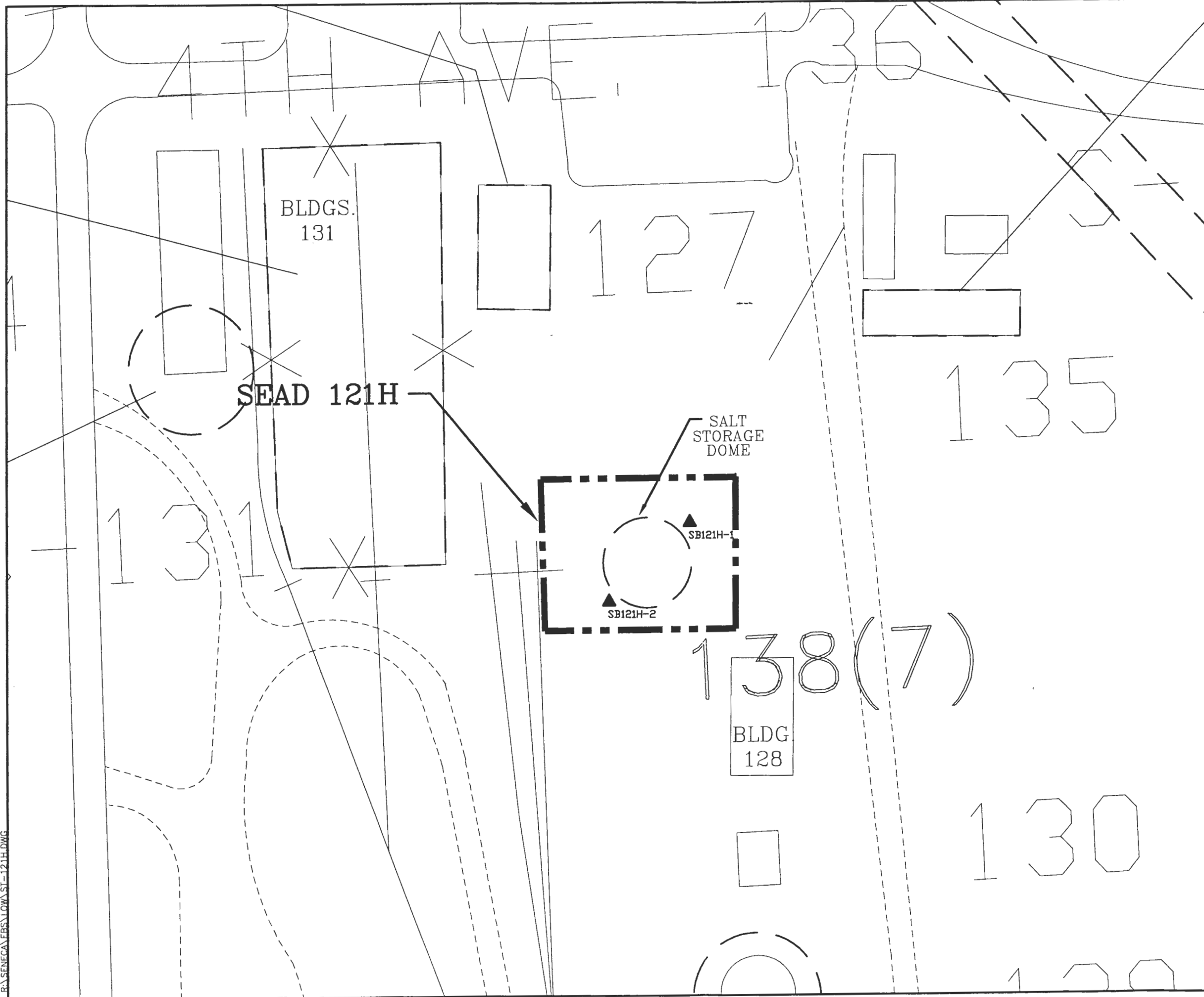
SENECA ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
SEAD-121G

Figure: 32-3
In-Phase Response

scale 1"=75 feet

Date July 1998

RA\SENECA\FBS\LOW ST-121H.DWG



LEGEND:

▲ SOIL BORING
 SB121H-1

SEAD-121B NON-EVALUATED EBS SITE

BRAC PARCEL LABEL DEFINITIONS

8(2)PS
 CONTAMINATION DESCRIPTION
 CATEGORY NUMBER
 PARCEL NUMBER

PS	PETROLEUM STORAGE
PR	PETROLEUM RELEASE OR DISPOSAL
HS	HAZARDOUS SUBSTANCE STORAGE
HR	HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
(P)	POSSIBLE (UNVERIFIED)

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

8-19Q-A(P)
 QUALIFIERS
 QUALIFIED
 FACILITY NUMBER (IF APPLICABLE)
 PARCEL NUMBER

A	ASBESTOS-CONTAINING MATERIAL
L	LEAD-BASED PAINT
P	PCB
R	RADON
X	UXO AND/OR ORDNANCE FRAGMENTS
RD	RADIONUCLIDES
(P)	POSSIBLE (UNVERIFIED)



SCALE: 1" = 80'

P PARSONS
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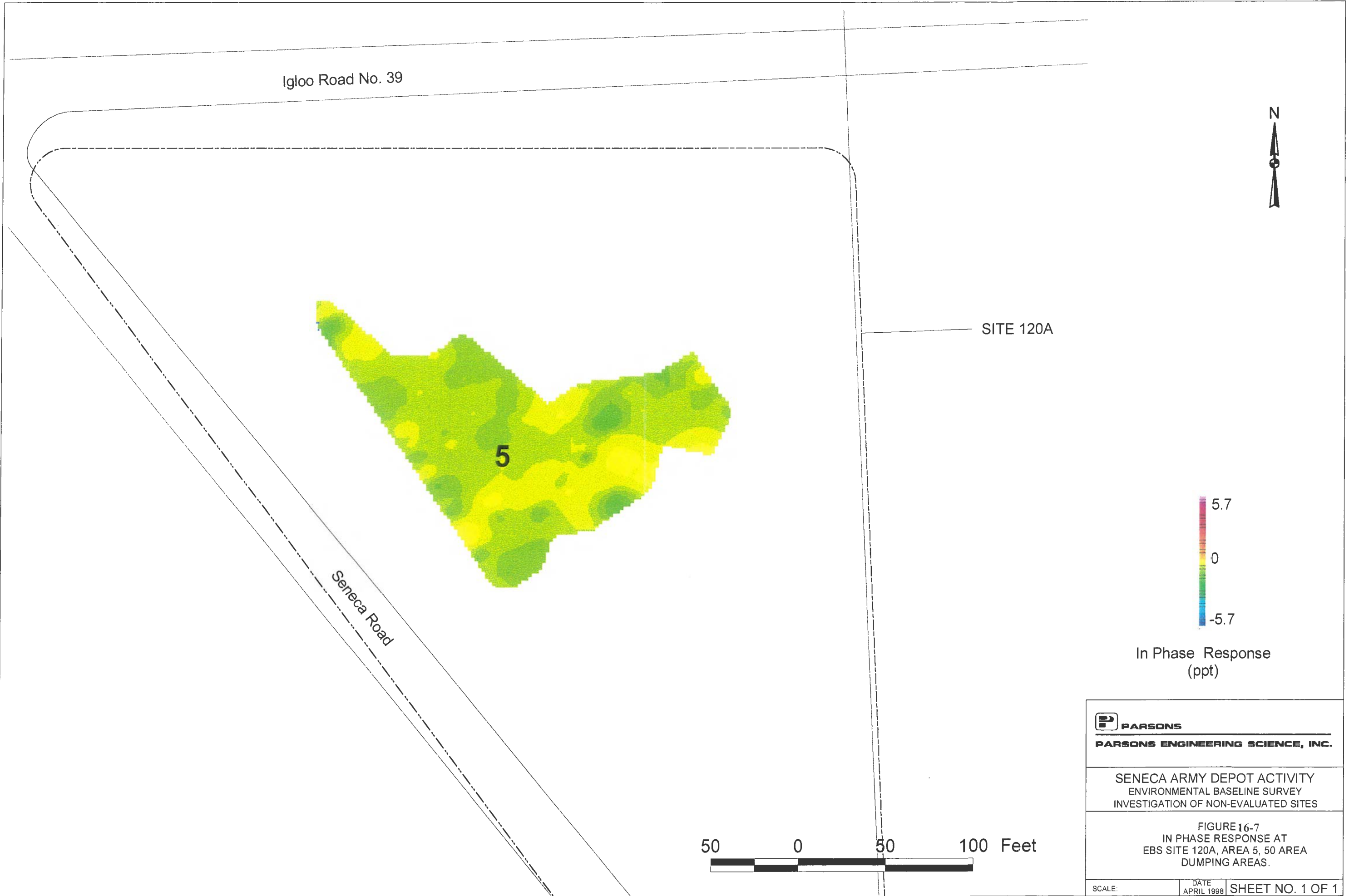
CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES**

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 33-1
 SITE FEATURES AND SAMPLE LOCATIONS AT EBS SEAD-121H
 RUMORED COAL DISPOSAL AREA

SCALE: 1" = 80' DATE: FEBRUARY 1999 REV: NA

H:\ENGINEERING\SENeca\SENeca\VIEW\GEOPHYSI\APR



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SENECA ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
INVESTIGATION OF NON-EVALUATED SITES

FIGURE 16-7
IN PHASE RESPONSE AT
EBS SITE 120A, AREA 5, 50 AREA
DUMPING AREAS.

SCALE: DATE APRIL 1998 SHEET NO. 1 OF 1



SEAD 121A

N. Y. STATE HIGHWAY ROUTE 96

EAST PATROL ROAD

10(2)PS

4(3)PR/HR

U. S. COAST GUARD
LORAN "C" STATION

63(6)PS/HS/HR

45(3)HS/HR

356

357

131(3)PS/PR/HS/HR

70(6)HS/HR(P)

69(6)HS/HR(P)

606

9(2)HS(P)

62(6)HR(P)

LEGEND:

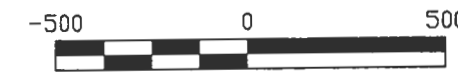
SEAD-121B NON-EVALUATED EBS SITE

BRAC PARCEL LABEL DEFINITIONS

8(2)PS	CONTAMINATION DESCRIPTION	PS	PETROLEUM STORAGE
		PR	PETROLEUM RELEASE OR DISPOSAL
		HS	HAZARDOUS SUBSTANCE STORAGE
		HR	HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
		(P)	POSSIBLE (UNVERIFIED)
	CATEGORY NUMBER		
	PARCEL NUMBER		

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS

8-19Q-A(P)	QUALIFIERS	A	ASBESTOS-CONTAINING MATERIAL
		L	LEAD-BASED PAINT
		P	POB
		R	RADON
		X	UXO AND/OR ORDNANCE FRAGMENTS
		RD	RADON/CLOUDS
	QUALIFIED		POSSIBLE (UNVERIFIED)
	FACILITY NUMBER (IF APPLICABLE)		
	PARCEL NUMBER		



SCALE: 1" = 500'

P PARSONS
PARSONS ENGINEERING SCIENCE, INC.

CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
INVESTIGATION OF NON-EVALUATED SITES**

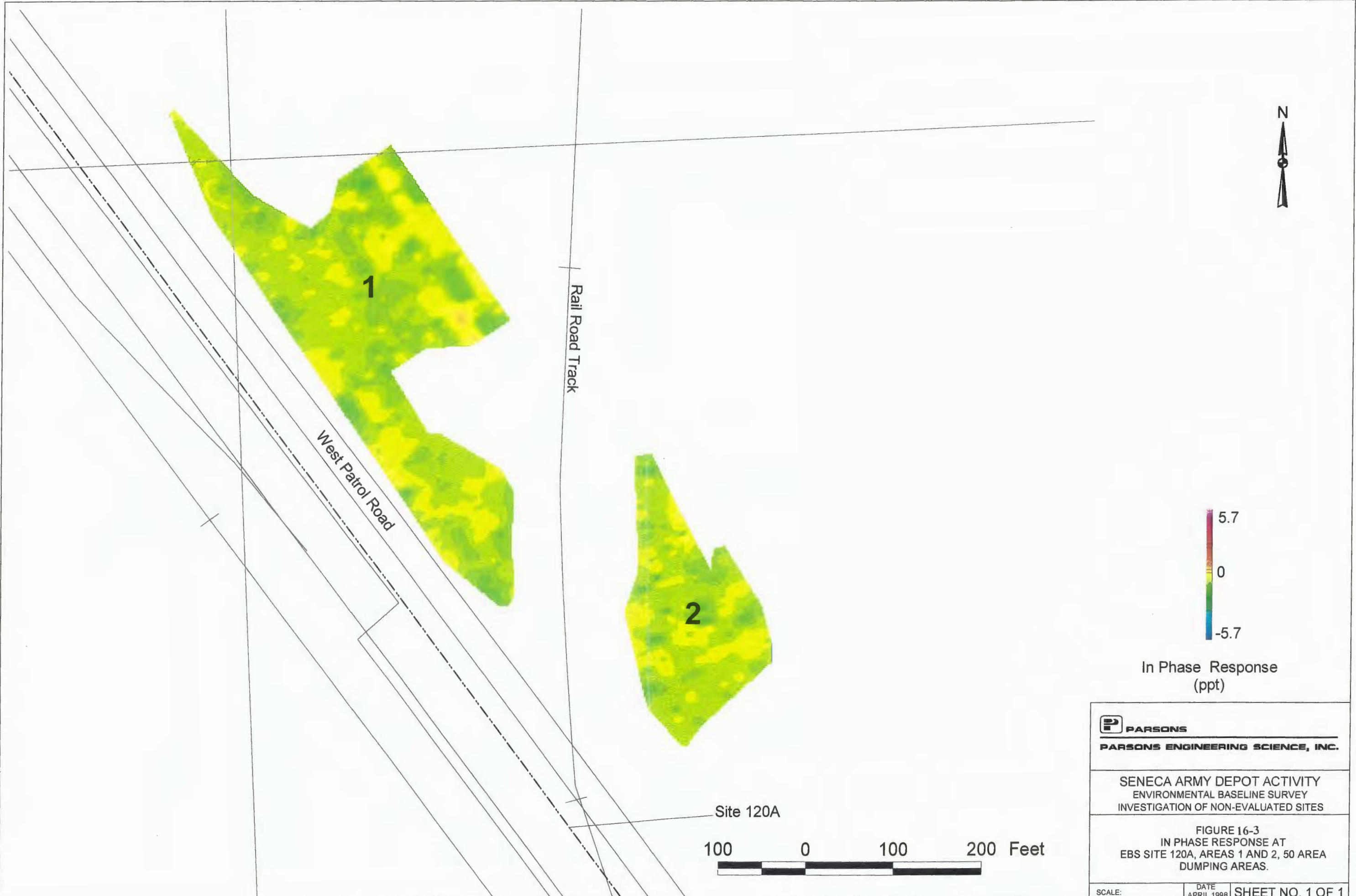
DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

**FIGURE 26-1
SITE FEATURES AT EBS SEAD-121A
USCG HALON DISCHARGE**

SCALE 1" = 500' DATE FEBRUARY 1990 REV NA

R:\SENECA\EBS\LOW\ST-121A.DWG

H:\ENGIN\SEN\CA\EB\S\ARC_VIEW\GEOPHYSI\APR



In Phase Response
(ppt)

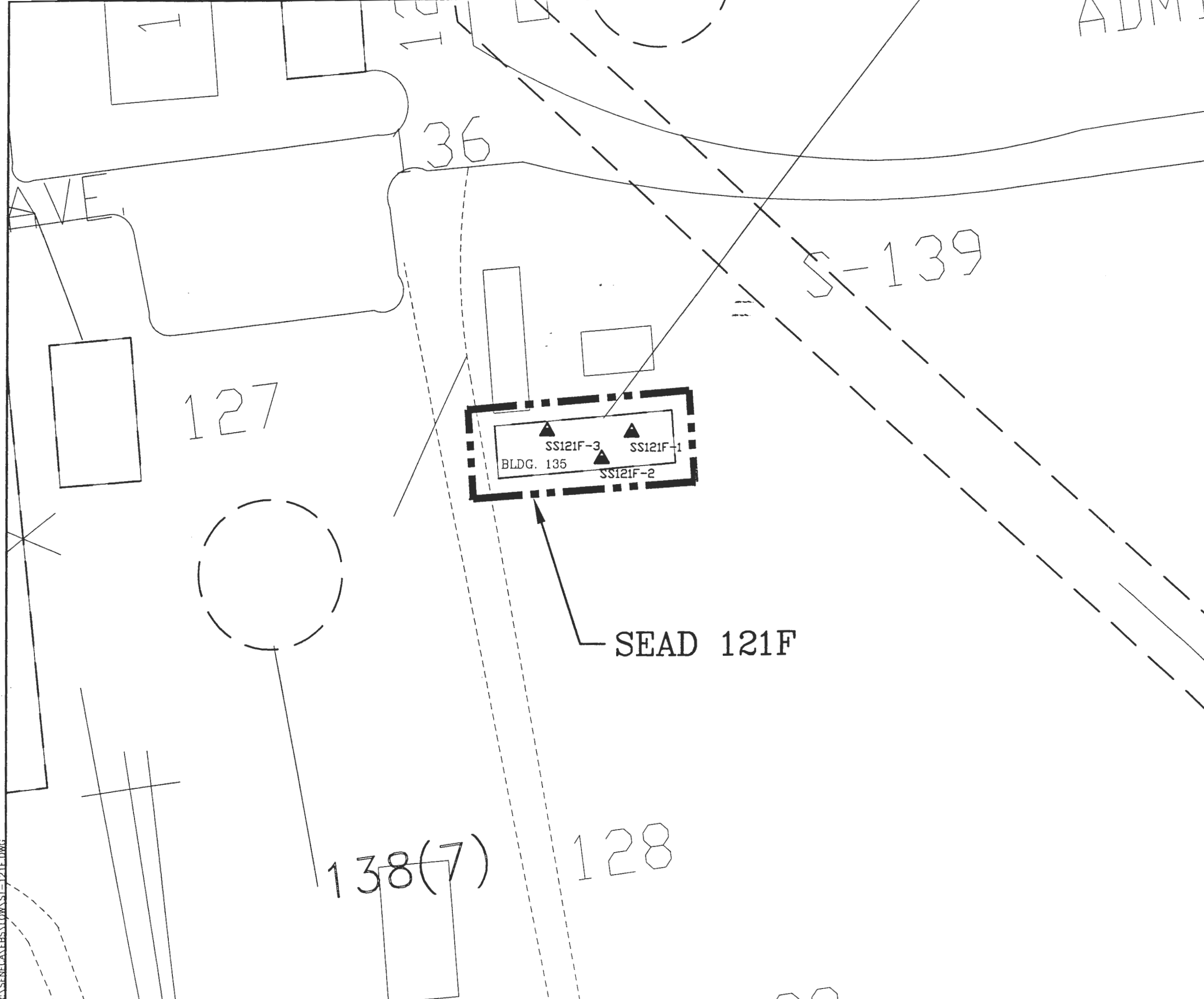
PARSONS
PARSONS ENGINEERING SCIENCE, INC.

SENECA ARMY DEPOT ACTIVITY
ENVIRONMENTAL BASELINE SURVEY
INVESTIGATION OF NON-EVALUATED SITES

FIGURE 16-3
IN PHASE RESPONSE AT
EBS SITE 120A, AREAS 1 AND 2, 50 AREA
DUMPING AREAS.

SCALE: DATE APRIL 1998 SHEET NO. 1 OF 1

ADM



LEGEND:

▲ SURFACE SOIL SAMPLE
 SS121F-1

SEAD-121B NON-EVALUATED EBS SITE

BRAC PARCEL LABEL DEFINITIONS
 B(2)PS

CONTAMINATION DESCRIPTION	PS	PETROLEUM STORAGE
	PR	PETROLEUM RELEASE OR DISPOSAL
	HS	HAZARDOUS SUBSTANCE STORAGE
	HR	HAZARDOUS SUBSTANCE RELEASE OR DISPOSAL
CATEGORY NUMBER	(P)	POSSIBLE (UNVERIFIED)
PARCEL NUMBER		

NON-CERCLA ISSUE (QUALIFIED) LABEL DEFINITIONS
 B-190-A(P)

QUALIFIERS	A	ASBESTOS-CONTAINING MATERIAL
	L	LEAD-BASED PAINT
	P	PCB
	R	RADON
	X	UXO AND/OR ORDNANCE FRAGMENTS
QUALIFIED	(P)	POSSIBLE (UNVERIFIED)
FACILITY NUMBER (IF APPLICABLE)		
PARCEL NUMBER		



SCALE: 1" = 70'

P PARSONS
PARSONS ENGINEERING SCIENCE, INC.

CLIENT/PROJECT TITLE
**SENECA ARMY DEPOT ACTIVITY
 ENVIRONMENTAL BASELINE SURVEY
 INVESTIGATION OF NON-EVALUATED SITES**

DEPT. ENVIRONMENTAL ENGINEERING Dwg. No.

FIGURE 31-1
 SITE FEATURES AND SAMPLE LOCATIONS AT EBS SEAD-121F
 BUILDING 136 STAINED SOIL

SCALE 1" = 70' DATE FEBRUARY 1999 REV NA

R:\SENECA\EBS\LOWA ST-121E.DWG

RESPONSE TO ARMY COMMENTS

**Comments from
the Department of the Army
on the
Draft Investigation of Environmental Baseline Survey
Non-Evaluated Sites**

Comments by Keith Hoddinott

- Comment #1** Page 5, Section 3.2
SEAD-122A , Summary of Investigation
In the comparison of the soil results to the recreational PRG it is stated that no PRGs were established for the lead (the primary COC). This explanation should be expanded to indicate that the maximum soil concentration of 143 mg/kg is less than half the residential criteria USEPA recommends for 0-6 year old children (a classical sensitive sub-population).
- Recommendation: Expand the discussion of the PRG comparison for this site.
- Response #2** Agreed. The PRG comparison has added a comparison for lead to the agreed upon screening level of 400 mg/Kg for residential land use established by the EPA memorandum "Revised Interim Soil Guidance for CERCLA Sites and RCRA Corrective Action Facilities"9355.4-12, EPA/540/F-94/043, PB94-963282. August 1994.
- Comment #2** Page 9, Section 8.0
SEAD- 123A, Indoor Firing Range
I believe we can concur with the action taken and the conclusions, however, if further evaluation becomes necessary, we have recently developed a method of risk assessing wipe sample results.
- Recommendation: Consider performing a wipe sample risk assessment if further evaluation is required.
- Response #2** Agreed. If the EPA requires that wipe samples be collected, a Risk Assessment will be performed.
- Comment #3** Page 17, Section 13.2
SEAD 123F
We can not agree with the conclusion that no further action is justified at this site. While the sampling was limited and biased to the conservative side, an exceedance of the residential PRG should be justification to investigate how extensive the elevated metals are.
- Recommendation: Provide further justification why additional investigation is not necessary or perform some further investigation.
- Response #3** Agreed. Although the levels exceed the residential PRG they do not exceed the TAGM for elevated metals. Therefore no further action for these sites is justified.

Comments From Healy

- Comment #1** Section 1.3, Page 3

In Bullet two at the top of the page, we state that “If Concentrations are less than PRG’s, then additional sampling (possibly via an ESI) will be performed.” Regardless of the NYSDEC’s reluctance to accept PRG’s this reviewer would prefer not to see the Army make a blanket promise to commit more effort /finding to studies simply because TAGM’s were exceeded (even though PRG’s were not). Would prefer to “soften” this statement by saying that any follow-on effort will be negotiated if the “greater than TAGM’s but less than PRG’s” situation should arise.

Response #1 Acknowledged. The text already includes a paragraph stating that the significance of environmental impact is not strictly based on analytical data comparison, and that professional judgment will be used to develop the final recommendations.

Comment #2 Section 2.1, Page 4
In the first full sentence at the top of this page , we state “the pump station receives wastes potentially containing hazardous wastes. This would seem to be an incredibly inflammatory statement to make (did we do enough sampling/ what did we sample for, etc.) and possibly cast aspersions on the favorable conclusion drawn in the following paragraph. Recommended that the references to “potentially containing hazardous wastes” be removed.

Response #2 Agreed. The reference to “potentially containing hazardous wastes”, has been removed.

Comment #3 Section 2.2, Page 4
In the Recommendations we use the acronym “PAOC”. Since there is no section defining this and other acronyms, kindly define this here and throughout the document.

Response #3 Agreed. Will add fly sheet defining all acronyms.

Comment #4 Section 3.2, Page 5
In the Recommendation we use the acronym “AOC”. Since there is no section defining this and other acronyms, Kindly define this here and throughout the document. “AOC” has a specific meaning in the Seneca program; however, the context suggests that this occurrence is meant differently.

Response #4 Agreed. Will add fly sheet defining all acronyms.

Comment #5 Section 4.1, Page 5
Please correct “This area was”.

Response #5 Acknowledged.

Comments from Scott Bradley

Comment #1 Section 1.3, Page 1
Discussion of the Seneca Army Depot Criteria Flow Chart must be expanded to rationalize the decision which are applied to sites “ ...as outlined under Decision No. (sic) XX in the Decision Criteria...”. This flow chart should be described in the text along with more detailed rationales for decision actions and subsequent responses required by the table at each decision point. Discussions of decision criteria and prescribed responses that are defined by regulatory criteria should include a citation to the applicable regulation. The methodology to perform the

“mini risk assessment” must be described. Regulatory concurrence with this chart should be noted if it exists, or achieved if it has not been formally accepted by regulators.

Response #1 Acknowledged. The process of the Criteria Flow Chart has essentially been agreed on by the regulators.

Comment #2 Figure 1-2
The decision process identified should be revised (unless already accepted by the regulators) to allow performance of Time Critical Removal Actions at sites with immediate property transfer needs. The argument that potential exposures to site contaminants by property recipients justifies the need for Time Critical actions has been accepted by Region II BRAC RPMs. Additionally, or as an alternative to TCRA, a Probabilistic Risk Assessment methodology could be proposed in lieu of the ESI/Mini RA process identified by this figure to speed up the onset of remediation and or transfer.

Response #2 Acknowledged. The process of the Criteria Flow chart has essentially been agreed on by regulators. 40CFR300.415 does not mention that the transfer of property changes a Non-time Critical Removal Action to a Time Critical Removal Action.

Comment #3 Section 3.2, Invest'n Sumry, Page 5
Is this data sufficient for a mini risk assessment?

Response #3 While the protocol for performing a mini risk assessment has not been finalized, it is believed that preliminary risk screening, through the mini risk assessment process can be performed with these data.

APPENDIX A. Soil Boring Logs

LOG OF BORING 123B-1

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 123
PROJECT NO: 733193-01001
DATE STARTED: 3/11/98
DATE COMPLETED: 3/11/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 12
DEPTH TO WATER: 3.3
BORING LOCATION: 1014587.4801 ft NORTH
 741275.0416 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 632.5536 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
EB242	27	1.7	0	0		Brown to Dark Gray medium SAND, some silt, little coarse Sand, little fine to medium Gravel, trace Cobble, moist.	GM
	7			1			
	12			1.2		Fine to medium SAND, trace medum Gravel, tight till, moist.	
	12			1.7		No Recovery.	
	14	1.5	0	2		Fine to medium SAND, trace medium Gravel, tight till, saturated.	SM
	12						
	14						
	19						
EB243			0	3.3		No Recovery.	
	20	1.7	0	4		Fine to medium SAND, trace medium Gravel, tight till, trace cobble, saturated.	SM
	20						
	10						
	100/2						
				5.7		No Recovery.	
	28	1	0	6		Weathered SHALE.	BRK
	100/5						
				7		No Recovery.	
	42	0.6	0	8		Weathered SHALE.	BRK
	100/1						
				8.6		No Recovery.	
				9			

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 123B-1

LOG OF BORING 123B-1

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 123
PROJECT NO: 733193-01001
DATE STARTED: 3/11/98
DATE COMPLETED: 3/11/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 12
DEPTH TO WATER: 3.3
BORING LOCATION: 1014587.4801 ft NORTH
 741275.0416 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 632.5536 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
	17 22 100/ 4		0	10		This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.	
				11		No Recovery.	
				12		Auger Refusal at 12'.	

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 123B-1

LOG OF BORING 123B-2

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 123
PROJECT NO: 733193-01001
DATE STARTED: 3/11/98
DATE COMPLETED: 3/11/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 4.3
DEPTH TO WATER:
BORING LOCATION: 1014559.4334 ft NORTH
 741258.2016 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 631.4866 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
EB244	7	1	0	0		Dark Gray, SILT and Sand, little cobble, moist, frozen.	SM
	14			0.5			
	24			1		Olive Gray to Brown SILT and coarse Gravel, some fine to medium Sand, little Cobble, trace fine Sand, moist.	
	14			1		No Recovery.	
				2			
	21	0.9	0	2		Olive Gray to Brown, SILT and coarse Gravel, some fine to medium Sand, little Cobble, trace fine Sand, moist.	GM
	100/.4			2.9			
EB245				3		Fragments of Competant SHALE.	BRK
	100/.3	0.3	0	3.2		No Recovery.	
				4			
				4.3		Auger Refusal at 4.3'.	

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 123B-2

LOG OF BORING 123B-3

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 123
PROJECT NO: 733193-01001
DATE STARTED: 3/11/98
DATE COMPLETED: 3/11/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 6.3
DEPTH TO WATER: 0
BORING LOCATION: 1014635.869 ft NORTH
 741331.8431 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 632.4337 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
				▽		DESCRIPTION	
EB246	3	1.5	0	0	0.3	Brown, fine to medium SAND, trace Silt, trace fine Gravel.	SM
	12			0.5	0.6	Olive Gray to brown, SILT, trace fine to medium Sand, trace Cobble, very tight till, saturated.	
	12			1	1.5	No Recovery	
	19			1.5	2	No Recovery	
	14	1.6	0	2	2.9	Olive Gray to brown, SILT, trace fine to medium Sand, trace Cobble, very tight till, saturated.	SM
EB247	25			2.5	3.6	Weathered SHALE.	
	30			3	4	No Recovery.	
	50			3.5	4.8	Weathered SHALE.	BRK
	30	0.8	0	4	6	No Recovery.	
	100/3			4.5	6.3	Weathered SHALE.	BRK
		0.3	0	6	6.3	Auger Refusal at 6.3'.	

LOG OF BORING 122D-1

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 122
PROJECT NO: 733193-01001
DATE STARTED: 3/05/98
DATE COMPLETED: 3/05/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 13.9
DEPTH TO WATER: 12.5
BORING LOCATION: 987911.494 ft NORTH
 741222.1228 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 644.8973 ft
ELEVATION DATUM: NAVD88
INSPECTOR: MW
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS	
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.								
EB201	6	1.5	0	0		Light Brown, CLAY, some Silt, little +fine to coarse Gravel, moist. Roots in top 2"	CL	
	7							
	7							
	8							
				1.5		No Recovery		
				2				
	5	1.3	0	2		Light Brown to Greenish Gray, CLAY, and -Silt, trace -fine Sand, little fine to coarse Gravel, moist.	CL	
	9							
	15							
	20							
				3.3		No Recovery		
				4				
	9	1.8	0	4		Light Brown to Greenish Gray, SILT, some +Clay, little -fine Sand, little fine to coarse Gravel, moist.	ML	
	15							
	25							
	27							
				5.8		No Recovery		
EB202	13	1.7	0	6		Light Brown, CLAY, some Silt, trace fine Sand, little +Gravel, moist.	CL	
	25							
	25							
	25							
				6.8		Light Brown to Greenish Gray, SILT, little +fine Sand, some -fine to coarse Gravel, trace Clay, wet.		
				7.7		No Recovery		
				8				
	19	2	0	8		Light Brown, Silt, trace fine Sand, some fine to coarse Gravel, wet.	ML	
	33							
	41							
	50							
				9				

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 122D-1

LOG OF BORING 122D-1

PROJECT: Seneca Non-evaluated EBS Sites
 PROJECT LOCATION: Seneca Army Depot, Romulus, New York
 ASSOCIATED AREA/UNIT: SEAD 122
 PROJECT NO: 733193-01001
 DATE STARTED: 3/05/98
 DATE COMPLETED: 3/05/98
 DRILLING CONTRACTOR: Nothnagle
 DRILLING METHOD: HSA 8"
 SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 13.9
 DEPTH TO WATER: 12.5
 BORING LOCATION: 987911.494 ft NORTH
 741222.1228 ft EAST
 COORDINATE SYSTEM: NAD83
 GROUND SURFACE ELEVATION: 644.8973 ft
 ELEVATION DATUM: NAVD88
 INSPECTOR: MW
 CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
				10		This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.	
				10		DESCRIPTION	
	37 85 100/2	1.2	0	10		Light Brown, SILT, trace fine Sand, some +fine to coarse Gravel, moist to wet.	ML
				11		No Recovery	
	27 55 90 100/1	1.5	0	12		Olive Gray, SILT, trace -fine Sand, some +fine to coarse Gravel, saturated.	TL
				13			
				13.5		Wheathered SHALE.	
				13.9		Auger Refusal at 13.9'.	

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 122D-1

LOG OF BORING 122D-2

PROJECT: Seneca Non-evaluated EBS Sites
 PROJECT LOCATION: Seneca Army Depot, Romulus, New York
 ASSOCIATED AREA/UNIT: SEAD 122
 PROJECT NO: 733193-01001
 DATE STARTED: 3/05/98
 DATE COMPLETED: 3/05/98
 DRILLING CONTRACTOR: Nothnagle
 DRILLING METHOD: HSA 8"
 SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 14
 DEPTH TO WATER: 8
 BORING LOCATION: 987799.2085 ft NORTH
 741278.0134 ft EAST
 COORDINATE SYSTEM: NAD83
 GROUND SURFACE ELEVATION: 643.8361 ft
 ELEVATION DATUM: NAVD88
 INSPECTOR: MW
 CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
EB203	8	1.5	0	0	0.2	Light Brown, CLAY, and Silt, moist, roots.	CL
	9					Olive Gray, fine to coarse GRAVEL, some fine to coarse Sand, trace +Silt, wet.	
	10						
	13			1	1.5	No Recovery	
	14	1.3	0	2		Olive Gray, fine to coarse GRAVEL, and fine to coarse Sand, trace Silt, wet.	TL
	13						
	14						
				3	3.3	No Recovery	
	9	1.5	0	4		Light Brown, SILT, little fine to coarse Gravel, moist.	ML
	12						
	18						
	12			5	5.5	No Recovery	
	12	1.8	0	6		Light Brown, SILT, little fine to coarse Gravel, trace coarse Sand, moist.	ML
	16						
	16						
				7	7.8	No Recovery	
EB204	30	1.6	0	8	▽	Light Brown, SILT, and -fine to coarse Gravel, little -fine to medium sand, saturated.	ML
	40						
	52						
	100/1			9	9.6	No Recovery	

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 122D-2

LOG OF BORING 122D-2

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 122
PROJECT NO: 733193-01001
DATE STARTED: 3/05/98
DATE COMPLETED: 3/05/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 14
DEPTH TO WATER: 8
BORING LOCATION: 987799.2085 ft NORTH
 741278.0134 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 643.8361 ft
ELEVATION DATUM: NAVD88
INSPECTOR: MW
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
				10			
	28 46 80 100/5	1.8	0.2	11	ML	Light Brown, SILT, and -fine to coarse Gravel, little -fine to coarse Sand, saturated.	ML
				11.8		No Recovery	
	29 43 100/3	1.3	0.2	12	GM	Olive Gray, fine to coarse GRAVEL, some Silt, trace +fine to coarse Sand, saturated.	GM
				13		Weathered SHALE.	
				13.3			
				14		Auger Refusal at 14.0'.	

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 122D-2

LOG OF BORING 122E-1

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 122
PROJECT NO: 733193-01001
DATE STARTED: 3/06/98
DATE COMPLETED: 3/06/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 9.1
DEPTH TO WATER: 7.2
BORING LOCATION: 987033.7607 ft NORTH
 740754.7201 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 638.9787 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
EB205	4	1.5	0	0		Olive Gray, SILT, little coarse Sand, trace fine Gravel, moist.	OL
	14			1		No Recovery	
	8			1.5			
	14			2		Olive Gray, SILT, some Clay, little fine Sand, trace Cobble, wet.	CL
	10	1.8	0	2		No Recovery	
	12			3			
	15			3.6			
	30			4		Olive Gray, fine SAND, some medium Gravel, little Cobble, trace Silt, moist.	SP
	20	0.6	0	4		No Recovery	
	100/1			4.6			
				5		No Recovery	
				6			
EB207	22	1.5	0	6		Brown fine to medium, SAND, some finer to coarse Gravel, some Cobble, trace Silt, saturated.	TL
	87			7		No Recovery.	
	100/5			7.5			
				8			
	100/5	0.5	0	8		Olive Gray, SILT, Shale fragments.	TL
				8.2		Competant Shale.	
				8.5		No Recovery.	
				9		Auger Refusal at 9.0'.	

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 122E-1

LOG OF BORING 122E-2

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 122
PROJECT NO: 733193-01001
DATE STARTED: 3/06/98
DATE COMPLETED: 3/06/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 12.5
DEPTH TO WATER: 2.2
BORING LOCATION: 988958.412 ft NORTH
 739018.1027 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 602.0001 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
DESCRIPTION							
EB208	7 11 11 14	1.5	0	0	0	Brown, SILT, trace fine Sand, little organics, trace coarse Gravel, trace Cobble, moist.	FL
					1	Olive Gray, fine SAND, little coarse Sand to fine Gravel, trace Cobble, trace Silt, iron oxide viens, moist.	
					1.5	No Recovery.	
EB209	13 13 21 13	0.8	0	2	2	Brown, coarse SAND and fine GRAVEL, little fine to medium Sand, trace Cobbles, wet to saturated.	FL
					2.6	No Recovery	
					4	Brown, coarse SAND and fine GRAVEL, little fine to medium Sand, trace Cobbles, wet to saturated.	FL
	7 7 8 22	1.5	0	5	5	Olive Gray, SILT and very fine SAND, little coarse Sand to fine Gravel, trace Cobble, iron oxide veins, saturated.	
					5.5	No Recovery.	
	32 100/5	0.5	0	6	6	Olive Gray, SILT and very fine SAND, little coarse Sand to fine Gravel, trace Cobble, iron oxide veins, saturated.	TL
					6.5	No Recovery.	
	100/5	0.3	0	8	8	Olive Gray, SHALE chips, some Silt and fine Sand, weathered Shale, wet.	BRK
					8.3	No Recovery.	
					9		

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 122E-2

LOG OF BORING 122E-2

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 122
PROJECT NO: 733193-01001
DATE STARTED: 3/06/98
DATE COMPLETED: 3/06/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 12.5
DEPTH TO WATER: 2.2
BORING LOCATION: 988958.412 ft NORTH
 739018.1027 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 602.0001 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
						This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.	
				10		DESCRIPTION	
	12	0.4	0	10		Olive Gray, SHALE chips, some Silt and fine Sand, weathered Shale, wet.	BRK
	22			10.4		No Recovery.	
	66			11			
	100/4			12		No Recovery	
	100/5		0	12.5		Auger refusal at 12.5'.	

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 122E-2

LOG OF BORING 122E-3

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 122
PROJECT NO: 733193-01001
DATE STARTED: 3/06/98
DATE COMPLETED: 3/06/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 11.8
DEPTH TO WATER: 2.4
BORING LOCATION: 991432.0738 ft NORTH
 738522.1617 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 609.7340 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
EB210	20 18 7 7	1.2	0	0		Dark Brown to reddish Brown, SILT, Some fine to medium sand, little fine Gravel, trace Clay and Cobbles, moist.	ML
				1	1.2	No Recovery.	
EB211	15 13 8 8	0.5	0	2		Light Brown, fine GRAVEL and Coarse SAND, little fine Sand, little coarse Gravel, little Cobble, wet.	GP
				2.5	2.5	No Recovery.	
				4		Light Brown, fine GRAVEL and coarse SAND, little fine to medium Sand,, little coarse Gravel, little Cobble, wet.	GP
	16 18 12 100/2	1.5	0	4.5	4.5	Olive Gray to Brown, SILT, little coarse Sand to medium Gravel, trace cobbles, very tight till, iron oxide nodes.	
				5	5.5	No Recovery.	
	18 43 22 11	1	0	6	6	Olive Gray to Brown, SILT, little coarse Sand to medium Gravel, trace Cobbles, very tight till, iron oxide nodes.	TL
				7	7	No Recovery.	
	100/4	0.4	0	8	8	Weathered SHALE.	BRK
				8.4	8.4	No Recovery.	
				9			

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 122E-3

LOG OF BORING 122E-3

PROJECT: Seneca Non-evaluated EBS Sites
 PROJECT LOCATION: Seneca Army Depot, Romulus, New York
 ASSOCIATED AREA/UNIT: SEAD 122
 PROJECT NO: 733193-01001
 DATE STARTED: 3/06/98
 DATE COMPLETED: 3/06/98
 DRILLING CONTRACTOR: Nothnagle
 DRILLING METHOD: HSA 8"
 SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 11.8
 DEPTH TO WATER: 2.4
 BORING LOCATION: 991432.0738 ft NORTH
 738522.1617 ft EAST
 COORDINATE SYSTEM: NAD83
 GROUND SURFACE ELEVATION: 609.7340 ft
 ELEVATION DATUM: NAVD88
 INSPECTOR: DRG
 CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	USCS
	100/3	0.3	0	10.3	Compentant SHALE.	BRK
				11.8	Auger Refusal at 11.8'.	

This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.

DESCRIPTION

NOTES:




UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 122E-3

LOG OF BORING 68-1

PROJECT: Seneca Non-evaluated EBS Sites
 PROJECT LOCATION: Seneca Army Depot, Romulus, New York
 ASSOCIATED AREA/UNIT: SEAD 68
 PROJECT NO: 733193-01001
 DATE STARTED: 16/03/98
 DATE COMPLETED: 16/03/98
 DRILLING CONTRACTOR: Nothnagle
 DRILLING METHOD: HSA 8"
 SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 4.8
 DEPTH TO WATER:
 BORING LOCATION: 751298.2143 ft NORTH
 995650.4533 ft EAST
 COORDINATE SYSTEM: NAD83
 GROUND SURFACE ELEVATION: 744.1963 ft
 ELEVATION DATUM: NAVD88
 INSPECTOR: MW
 CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
EB250	4	1.1	0	0		Light brown, fine to coarse GRAVEL, little fine to coarse Sand, trace+ Silt, wet.	GW
	8			0.3		Olive gray, fine to coarse GRAVEL, little fine to coarse Sand, moist.	
	4			1		No Recovery.	
	1						
	4	0.9	0	2		Light brown to olive gray, fine to coarse GRAVEL, some- fine to coarse Sand, trace Silt, moist to wet.	GW
	8			2.8		No Recovery.	
	9			3			
	4						
EB251	15	0.6	0	4		Olive gray, fine to coarse GRAVEL, some fine to coarse Sand, trace Silt, moist.	GW
	100/2			4.6		Auger Refusal, at 4.8'	

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 68-1

LOG OF BORING 68-2

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 68
PROJECT NO: 733193-01001
DATE STARTED: 16/03/98
DATE COMPLETED: 16/03/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 4.5
DEPTH TO WATER:
BORING LOCATION: NORTH EAST
COORDINATE SYSTEM:
GROUND SURFACE ELEVATION:
ELEVATION DATUM:
INSPECTOR: MW
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
EB248	18	1.6	0	0			
	27			0.4		Olive gray, fine to coarse SAND, little+ fine Gravel, trace Silt, wet.	SW
	32			1		Olive gray, fine to coarse GRAVEL, some+ fine to coarse Sand, trace Silt, moist.	
	32			1.6		No Recovery.	
				2		No Recovery.	
	38/100.3	0.7	0	2		Olive gray, fine to coarse, GRAVEL, some+ fine to coarse, Sand, trace Silt, moist.	GW
				2.7		No Recovery.	
				3			
				4			
EB249	100/5	0.4	0	4		Olive gray, fine to coarse GRAVEL, some+ fine to coarse, Sand, trace Silt, moist.	GW
				4.4		No Recovery.	
				4.5		Auger Refusal at 4.5'.	

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 68-2

LOG OF BORING 120D-1

PROJECT: Seneca Non-evaluated EBS Sites
 PROJECT LOCATION: Seneca Army Depot, Romulus, New York
 ASSOCIATED AREA/UNIT: SEAD 120
 PROJECT NO: 733193-01001
 DATE STARTED: 17/03/98
 DATE COMPLETED: 17/03/98
 DRILLING CONTRACTOR: Nothnagle
 DRILLING METHOD: HSA 8"
 SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 11.4
 DEPTH TO WATER: 8.3
 BORING LOCATION: 743060.6715 ft NORTH
 1015618.692 ft EAST
 COORDINATE SYSTEM: NAD83
 GROUND SURFACE ELEVATION: 635.2835 ft
 ELEVATION DATUM: NAVD88
 INSPECTOR: MW
 CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
EB258	8	1.3	0	0	0.3	Olive gray, fine to coarse SAND, little fine Gravel, trace Silt, wet.	SW
	8					Olive gray, SILT, trace +fine to coarse Gravel, trace fine to coarse Sand, moist.	
	10						
	18			1	1.3	No Recovery.	
	8	1.4	0	2	2	Olive Gray, fine to coarse GRAVEL, little+ Silt, little- fine to coarse Sand, moist.	GM
	15						
	16						
	15			3	3.4	No Recovery.	
	20	2	0	4	4	Olive gray, SILT, little -fine to coarse Gravel, trace- fine to coarse Sand, moist.	ML
	24						
	50						
	100/5			5			
	7	1.7	0	6	6	Olive gray, SILT, some+ fine to coarse Gravel, trace fine to coarse Sand, moist.	ML
	19						
	40						
EB259	85	0	0	7	7.7	No Recovery	
	18	2	0	8	8	Dark gray, SILT, some fine to coarse Gravel, trace fine to coarse Sand, saturated.	ML
	33						
	53						
	50			9	9.2	Dark gray, SHALE bedrock, fractured.	

NOTES:

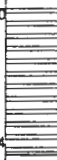
UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 120D-1

LOG OF BORING 120D-1

PROJECT: Seneca Non-evaluated EBS Sites
 PROJECT LOCATION: Seneca Army Depot, Romulus, New York
 ASSOCIATED AREA/UNIT: SEAD 120
 PROJECT NO: 733193-01001
 DATE STARTED: 17/03/98
 DATE COMPLETED: 17/03/98
 DRILLING CONTRACTOR: Nothnagle
 DRILLING METHOD: HSA 8"
 SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 11.4
 DEPTH TO WATER: 8.3
 BORING LOCATION: 743060.6715 ft NORTH
 1015618.692 ft EAST
 COORDINATE SYSTEM: NAD83
 GROUND SURFACE ELEVATION: 635.2835 ft
 ELEVATION DATUM: NAVD88
 INSPECTOR: MW
 CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
	50 100/1	0.4	0	10 11 11.4		Dark gray, SHALE bedrock, fractured. Auger Refusal at 11.4'.	

This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 120D-1

LOG OF BORING 120E-1

PROJECT: Seneca Non-evaluated EBS Sites
 PROJECT LOCATION: Seneca Army Depot, Romulus, New York
 ASSOCIATED AREA/UNIT: SEAD 120
 PROJECT NO: 733193-01001
 DATE STARTED: 17/03/98
 DATE COMPLETED: 17/03/98
 DRILLING CONTRACTOR: Nothnagle
 DRILLING METHOD: HSA 8"
 SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 6.5
 DEPTH TO WATER: 4
 BORING LOCATION: 738814.9635 ft NORTH
 999752.4051 ft EAST
 COORDINATE SYSTEM: NAD83
 GROUND SURFACE ELEVATION: 609.5927 ft
 ELEVATION DATUM: NAVD88
 INSPECTOR: MW
 CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
EB267	10 18 38 18	1.3	0	0 1.3	Light brown, SILT, trace fine to coarse Gravel, trace -fine Sand, moist, roots in top 0.3.		ML
		No Recovery		2			
EB266	20 30 18 16	0.6	0	2 2.6	Light brown, SILT, little fine Gravel, trace -fine Sand, moist. Yellow and black staining, wire present, and rock jammed in bottom of split spoon.		ML
		No Recovery		3			
	19 65 100/1	1	0	4 5	Olive gray, SILT, some -fine to coarse Gravel, little +fine to coarse Sand, saturated.		ML
		No Recovery		5.1	Shale.		
	100/4	0.3	0	6 6.3 6.5	Black SHALE bedrock, saturated.		
		No Recovery		6.5	Auger Refusal at 6.5'.		

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 120E-1

LOG OF BORING 121B-1

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 121
PROJECT NO: 733193-01001
DATE STARTED: 7/3/98
DATE COMPLETED: 7/3/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 11.3
DEPTH TO WATER: 4
BORING LOCATION: 750819.9713 ft NORTH
 994880.8121 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 739.0833 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
EB212	4	1.4	0	0			
	8						
	10						
	16			-1			
				-1.4			
				-2		No Recovery.	
	13	1.5	0	-2			ML
	25						
	30						
	100/3			-3			
				-3.5			
				-4			
EB213	34	0.5	0	-4			ML
	40						
	44						
	40			-4.5			
				-5		No Recovery.	
				-6			
	13		0	-6		No Recovery.	
	100/3			-6.8			
				-7		No Recovery.	
				-8			
	14	0.9	0	-8			TL
	100/4			-8.8			
				-9		No Recovery.	

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 121B-1

LOG OF BORING 121B-1

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 121
PROJECT NO: 733193-01001
DATE STARTED: 7/3/98
DATE COMPLETED: 7/3/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 11.3
DEPTH TO WATER: 4
BORING LOCATION: 750819.9713 ft NORTH
 994880.8121 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 739.0833 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.	USCS
						DESCRIPTION	
	100/4		0	10		No Recovery.	
				10.4		No Recovery.	
				11		Auger Refusal at 11.3'.	BRK
				11.3			

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 121B-1

LOG OF BORING 121C-1

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 121
PROJECT NO: 733193-01001
DATE STARTED: 3/11/98
DATE COMPLETED: 3/11/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 4.3
DEPTH TO WATER: 2
BORING LOCATION: 997305.3484 ft NORTH
 749798.8895 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 729.2438 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRF
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
EB231	12	1.5	0	0	1.2	Brown to Olive Gray SILT, some fine Sand, little medium Gravel, trace Cobble, trace Clay, trace Debris, moist.	FL
	14					No Recovery	
EB232	42	1.3	0	2	2.8	Olive Gray to Brown Tight SILT, little fine to coarse Sand, little Gravel, trace Cobble, wet to saturated.	TL
	48					Weathered Shale	
	100/3					No Recovery	
	100/3	0.3	0	4	4.3	Weathered Bedrock	BRK
						End of Boring	

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 121C-1

LOG OF BORING 121C-4

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 121
PROJECT NO: 733193-01001
DATE STARTED: 3/9/98
DATE COMPLETED: 3/9/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 7.1
DEPTH TO WATER: 2
BORING LOCATION: 996868.9407 ft NORTH
 749628.1538 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 728.1890 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.		USCS
						DESCRIPTION		
EB229	10	1.5	0	0	[Cross-hatched pattern]	Dark Gray Gravel and COBBLE, some fine to medium Sand, little coarse Sand, trace SILT, moist.		FL
	14			14				
EB231	10	2	0	2	[Cross-hatched pattern]	Dark Gray Gravel and COBBLE, some fine to medium Sand, little coarse Sand, trace SILT, wet.		FL
				8				
				3	[Diagonal line pattern]	Olive Gray to Brown SILT, trace fine Sand, trace roots, organic material.		TL
	30	1.3	0	4	[Diagonal line pattern]	Olive gray to dark gray SILT, trace Clay, trace coarse Gravel, trace Cobble, trace organics, trace medium to coarse Sand, Saturated.		TL
	42			100/3				
				5		No Recovery		
	100/3	0.4	0	6	[Diagonal line pattern]	Weathered Bedrock		BRK
				6.4				
				7		Auger Refusal at 7.1'		

NOTES

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 121C-4

LOG OF BORING 121D-1

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 121
PROJECT NO: 733193-01001
DATE STARTED: 3/11/98
DATE COMPLETED: 3/11/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 3
DEPTH TO WATER: 0.9
BORING LOCATION: 999369.1146 ft NORTH
 747882.6307 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 721.9356 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
						DESCRIPTION	
EB20	15 13 18	1.7	0	0		Brown SILT, little fine Sand, trace roots, wet to saturated.	FL
EB21	100.2		0	1		Olive gray SILT and fine Sand, little coarse Sand to coarse Gravel, little Cobble, saturated.	TL
	100/5		0	2		No Recovery No Recovery	
				3		Auger Refusal at 3.0'.	T/BRK

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 121D-1

LOG OF BORING 121D-2

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 121
PROJECT NO: 733193-01001
DATE STARTED: 3/8/98
DATE COMPLETED: 3/8/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 5.4
DEPTH TO WATER: 4
BORING LOCATION: 999469.3345 ft NORTH
 747872.8964 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 722.2865 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
EB218	5	1.5	0	0		Olive gray to brown SILT, some coarse Gravel, some Cobbles, trace fine Sand, moist.	FL
	9			1			
	9	0.5	0	1.5		Olive gray to brown SILT, some coarse Gravel, some Cobbles, trace fine Sand, moist.	FL
	12			2			
EB219	15	0.5	0	2		Olive gray SILT, some very fine Sand, little coarse Sand, little fine to coarse Gravel, trace Cobble, saturated.	TL
	18			2.5			
	100.2	0	0	3		No Recovery	
				4			
			4				
				4.5			
				5			
				5.4		Auger Refusal at 5.4'.	

NOTES:

LOG OF BORING 121D-3

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 121
PROJECT NO: 733193-01001
DATE STARTED: 3/11/98
DATE COMPLETED: 3/11/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 5.9
DEPTH TO WATER: 2.4
BORING LOCATION: 999499.2027 ft NORTH
 748148.2246 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 724.7897 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
DESCRIPTION							
EB222	28 32 16 17	1.8	0	0	[Cross-hatched pattern]	Olive gray, GRAVEL, some fine to coarse Sand, little Cobble, trace Asphalt pieces, trace Silt, dry.	FL
				1	[Cross-hatched pattern]	Brown to olive gray, SILT, and fine Sand, little medium to coarse Sand, tarce medium to coarse Gravel, moist.	TL
				2	[Cross-hatched pattern]	No Recovery.	
EB223	30 36 40 46	1.5	0	2	[Cross-hatched pattern]	Brown to olive gray, SILT and fine sand, little medium to coarse Sand, trace medium to coarse Gravel, wet.	TL
				3	[Cross-hatched pattern]	No Recovery.	
				3.5	[Cross-hatched pattern]	No Recovery.	
				4	[Cross-hatched pattern]	Brown to olive gray, SILT and fine Sand, little medium to coarse sand, trace medium to coarse Gravel, little Cobble, saturated.	TL
	17 18 17 100/2	1.7	0	4	[Cross-hatched pattern]		
				5	[Cross-hatched pattern]		
				5.7	[Cross-hatched pattern]	No Recovery.	
				5.9	[Cross-hatched pattern]	Auger refusal at 5.9'.	

NOTES:

LOG OF BORING 121E-1

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 121
PROJECT NO: 733193-01001
DATE STARTED: 3/17/98
DATE COMPLETED: 3/17/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 2.5
DEPTH TO WATER: 1.1
BORING LOCATION: 999162.3325 ft NORTH
 750936.1244 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 740.1209 ft
ELEVATION DATUM: NAVD88
INSPECTOR: MW
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
EB267		1.1		0		Olive gray fine SAND, some fine to coarse Gravel, little Silt, wet.	SM
EB268				1		No Recovery	
				2.5		End of Boring	

NOTES: Spit Spoon was driven by sledge hammer.

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 121E-1

LOG OF BORING 121E-2

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 121
PROJECT NO: 733193-01001
DATE STARTED: 3/17/98
DATE COMPLETED: 3/17/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 8.6
DEPTH TO WATER: 6.7
BORING LOCATION: 999127.1644 ft NORTH
 750864.1559 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 743.1674 ft
ELEVATION DATUM: NAVD88
INSPECTOR: MW
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
EB256	14	1.5	0	0	0.3	Olive Gray, SILT, little fine Gravel, trace fine to medium Sand, moist, roots in top 1".	ML
	16			Olive Gray fine to coarse GRAVEL, little Silt, trace fine Sand, moist.		GM	
	14			1		No Recovery	
	9	1.1	0	2	2	Light brown Silt, trace fine to coarse Gravel, trace fine Sand, moist.	ML
	9			No Recovery			
	14			3	3.1	No Recovery	
	20			4		Olive gray Silt, little fine to coarse Gravel, trace fine Sand, moist. (Petroleum Odor)	ML
EB257	8	2	44	4	4		
	12						
	15			5	6		
	29			6		Olive Gray SILT, trace fine Gravel, trace fine Sand, moist.	ML
	5	1.4	7	6	6.7		
	8						7
	100/5			7	7.4	Olive gray SILT, trace fine to coarse Gravel, trace fine Sand, wet.	ML
				7.4		No Recovery	
	100/3			8		No Recovery	
				8.6		Auger Refusal at 8.6'.	

NOTES:

LOG OF BORING 121G-1

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 121
PROJECT NO: 733193-01001
DATE STARTED: 7/3/98
DATE COMPLETED: 7/3/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 5
DEPTH TO WATER: 4.4
BORING LOCATION: 998769.4389 ft NORTH
 751317.7683 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 741.7422 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
						DESCRIPTION	
EB214	4	1.5	0	0		Brown, SILT, little fine Sand, trace roots, trace Gravel, moist.	FL
	6			0.7		Black, orange, and white, layer of gravel size Coal Ash fragments.	FL
EB215	6			1.2		Brown, SILT, little fine Sand, trace roots, trace Gravel, moist.	FL
	7			1.5		No Recovery.	
				2		Brown, SILT, little fine Sand, trace Gravel, moist.	FL
	13	1.8	0	2.8		Yellowish to orange, very fine SAND, some Silt, trace coarse Sand.	FL
	13			3.6		No Recovery.	
	15			4		Yellowish to orange, very fine SAND, some Silt, trace coarse Sand.	FL
	13	0.6	0	4.4		Olive gray, SILT and fine Sand, little coarse Sand, little fine Gravel, trace coarse Gravel, trace Cobble, saturated.	TL
	100/1			4.6		No Recovery.	
				5		Auger Refusal at 5.0'.	

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 121G-1

LOG OF BORING 121G-2

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 121
PROJECT NO: 733193-01001
DATE STARTED: 7/3/98
DATE COMPLETED: 7/3/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 5.8
DEPTH TO WATER: 5.1
BORING LOCATION: 998762.8739 ft NORTH
 751344.6764 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 744.8884 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
EB216	4	1.4	0	0		Brown SILT, little fine Sand, trace coarse Sand to fine Gravel, moist.	FL
EB217	8			0.9		Gray to Brown to Orange to Black Gravel size fragments of COAL ASH, moist.	FL
	12			1.4		No Recovery	
	30	0.5	0	2		Brown SILT, little fine Sand, trace coarse Saand to fine Gravel, moist.	FL
	38			2.5		No Recovery	
	38						
	42			3			
	15	1.3	0	4		Olive gray to yellowish Orange SILT, some fine to coarse Sand, little fine to coarse Gravel, Ironoxide nodes, wet to saturated.	TL
	16						
	15						
	100/2			5		No Recovery	
				5.3			
				5.8		Auger Refusal at 5.8'.	

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 121G-2

LOG OF BORING 121H-1

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 121
PROJECT NO: 733193-01001
DATE STARTED: 3/16/98
DATE COMPLETED: 3/16/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 9.2
DEPTH TO WATER:
BORING LOCATION: 999025.081 ft NORTH
 750752.5813 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 741.3367 ft
ELEVATION DATUM: NAVD88
INSPECTOR: MW
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
EB254	14		2 0	0		Light Brown fine to coarse Sand, little Fine Gravel, trace Silt, wet.	SW
	28			0.7			
	36			0.8		Dark gray COAL, some Gravel, dry.	
	28			1		Olive gray SILT and Gravel, moist.	ML
				2			
	28	1	0	2		Olive gray fine to coarse GRAVEL, little Silt, little fine Sand, moist.	GM
	28						
	23						
	21			3		No Recovery	
				4			
	11	1.5	0	4		Light brown SILT, little, fine to coarse Gravel, trace fine to coarse, Sand, moist.	ML
	15						
	18						
	21			5			
				5.5		No Recovery	
				6			
	4	2	0	6		Light Brown SILT, little fine to coarse Gravel, trace fine to coarse Sand, moist. Zone from 6.9' to 7.5' is stained dark gray and includes coal ash fragments.	ML
	10						
	18						
	22			7			
EB255							
				8			
	22	1.2	0	8		Light brown SILT, little fine to coarse Gravel, trace Sand, moist.	ML
	40						
	100/2			9			
				9.2		Auger Refusal at 9.2'.	

NOTES:

UNITED STATES ARMY
CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 121H-1
 Sheet 1 of 1

LOG OF BORING 121H-2

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 121
PROJECT NO: 733193-01001
DATE STARTED: 3/16/98
DATE COMPLETED: 3/16/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 7.7
DEPTH TO WATER:
BORING LOCATION: 999094.7882 ft NORTH
 750689.3504 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 740.7130 ft
ELEVATION DATUM: NAVD88
INSPECTOR: MW
CHECKED BY: ITR

Sample Number	Blow Counts (# Blows per 6")	Sample Recovery	VOC Screen-PID (ppm)	Depth (ft)	Macro Lithology	DESCRIPTION	USCS
This log is part of a report prepared by Parsons Engineering-Science, Inc. for the named company and should be read together with the report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations.							
EB252	23	1.5	0	0		Olive gray fine to coarse SAND, some fine to coarse Gravel, trace Silt, wet.	SW
	23			0.5		Dark gray fine to coarse GRAVEL, little fine to coarse Sand, little Silt, moist.	GM
	23			1		No Recovery	
	15	1.3	0	2		Light Brown fine to coarse GRAVEL, trace fine to coarse Sand, little Silt, moist.	GM
	15			2.5		No Recovery	
	23			3		No Recovery	
	15			3.5		No Recovery	
	8	2	0	4		Light Brown Silt, some fine to coarse Gravel, little fine Sand, moist.	ML
	17			4.5			
	20			5			
	30			5.5			
	7	1	0	6		Light brown SILT, little fine Gravel, little fine Sand, moist.	ML
EB253	53			6.5		No Recovery	
	100/3			7		No Recovery	
				7.7		Auger Refusal at 7.7'.	

NOTES:

UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

LOG OF BORING 121H-2

APPENDIX B. Test Pit Logs

**PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD**

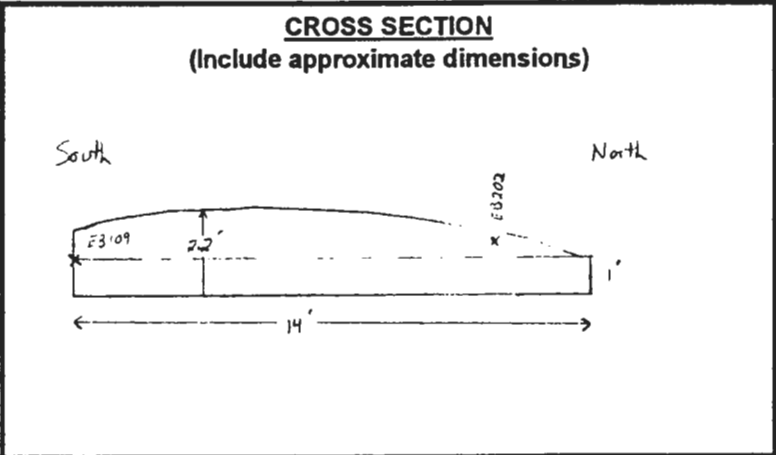
Project Name: Seneca EBS Non-evaluated Sites
 Project Number: 733193-01001
 Date / Time Start: 3/5/98 1130
 Date / Time Finish: 3/5/98 1200
 Weather: Partly cloudy, 30's
 Contractor: Nothnagle Drilling Inc.
 Inspector(s): DRG

TEST PIT NO. TP123D-1
 Location: SEAD-123D

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
1.2	FILL	SC	Brown SAND and SILT, little- Clay, little coarse Gravel, trace Cobbles, moist.	Fill, No staining or debris evident.
2.2		OL	Olive gray to brown SILT and CLAY, little medium Sand, trace coarse Sand, trace fine to coarse Gravel, trace roots and organic material, wet to saturated.	Undisturbed soil, no evidence of staining or debris.
	TL	ML	Light gray to olive gray SILT, some Clay, little fine to coarse Sand, little medium Gravel, trace Cobbles, trace iron-oxide nodules mm in diameter.	Undisturbed Till, no evidence of staining or debris.

EXCAVATION DIMENSIONS: (Length X Width X Depth) 14' X 3' X 1'-2.2'
 AIR MONITORING DATA: Background OVM Reading: 0.0 ppm
 Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION
1140	EBC02 MRD	5' south of north end 0.5' depth
1150	EB-109	at North end 1.0' in depth



**PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD**

Project Name: <u>Seneca EBS Non-evaluated Sites</u>	TEST PIT NO. <u>TP123D-2</u>
Project Number: <u>733193-01001</u>	Location: <u>SEAD-123D</u>
Date / Time Start: <u>3/5/98 1000</u>	
Date / Time Finish: <u>3/5/98 1100</u>	
Weather: <u>Snow showers, heavy at times, 30's</u>	
Contractor: <u>Nothnagle Drilling Inc.</u>	
Inspector(s): <u>DRG</u>	

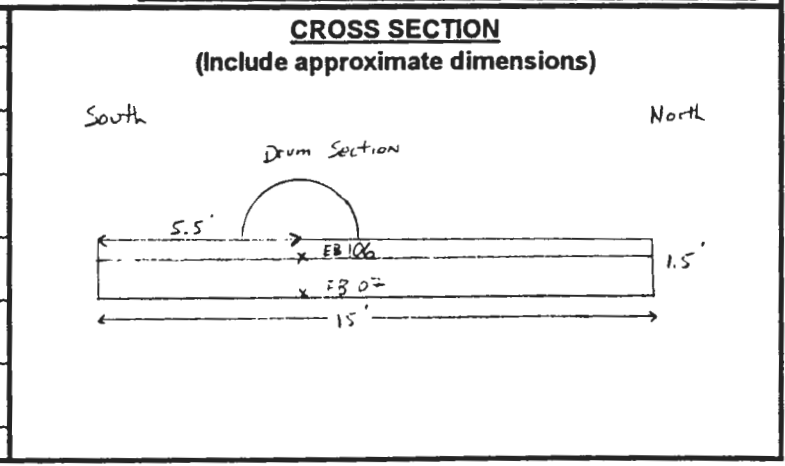
DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0.5	FL	ML	Dark brown SILT, some Clay, little fine Sand, trace roots and organic material, moist.	1/2 Drum on surface 5.5' north of south end of trench, no staining on ground surface or sub-surface evident.
1.5	TL	CL	Light brown to light gray to reddish brown SILT and CLAY, little medium to coarse Sand, trace coarse Gravel, trace Cobbles, wet to saturated.	Undisturbed Till, No staining or debris evident.

EXCAVATION DIMENSIONS: (Length X Width X Depth) 15' X 3' X 1.5'

AIR MONITORING DATA: Background OVM Reading: 0.0 ppm

Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION
1020	EB106	5.5' north of south end, beneath drum, .5' deep
1040	EB107	5.5' north of south end, beneath drum, 1.5' deep



PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD

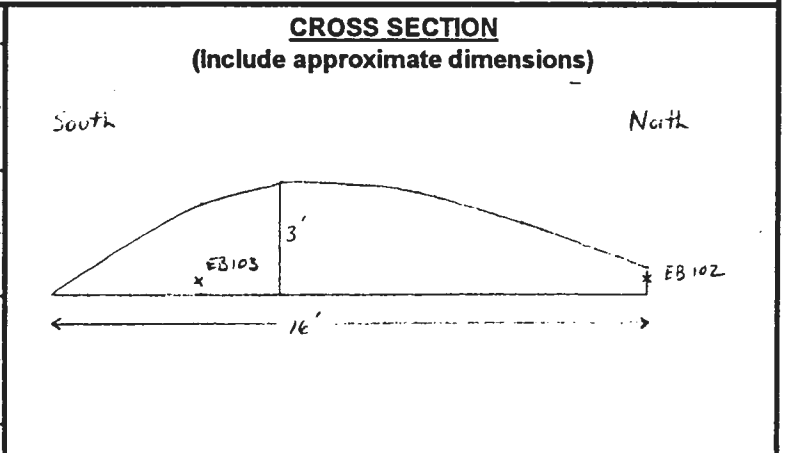
Project Name: Seneca EBS Non-evaluated Sites
 Project Number: 733193-01001
 Date / Time Start: 3/4/98 1635
 Date / Time Finish: 3/4/98 1715
 Weather: Overcast, windy, 30's
 Contractor: Nothnagle Drilling Inc.
 Inspector(s): DRG

TEST PIT NO. TP123D-3
 Location: SEAD-123D

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
3	FL	CL	Olive gray to brown SILT, some Clay, little fine Sand, trace Cobbles, trace medium to coarse Gravel, trace roots and organic material, moist.	Fill material with no staining or debris evident.
	TL	OL	Olive gray to brown SILT and CLAY, little medium Sand, trace fine to coarse Gravel, trace roots and organic material, wet to saturated.	Undisturbed till, no staining or debris evident.

EXCAVATION DIMENSIONS: (Length X Width X Depth) 16' X 3' X 0'-3'
 AIR MONITORING DATA: Background OVM Reading: 0.0 ppm
 Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION
1650	EB102	At north end 0.5' deep
1700	EB001 EB103	4' north of south end 2' deep



**PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD**

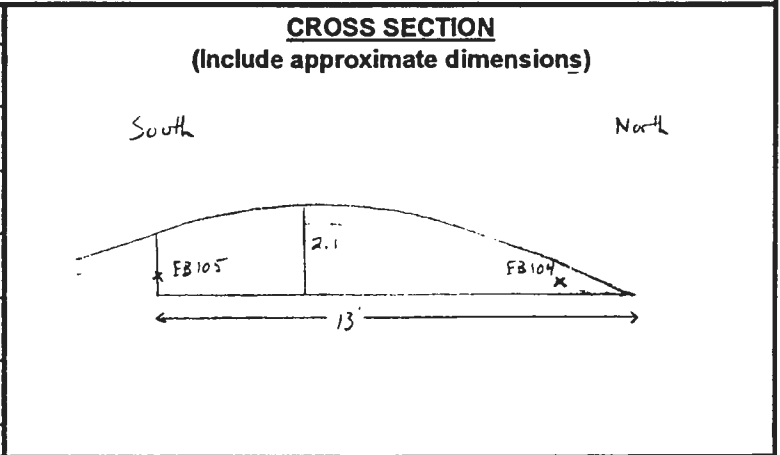
Project Name: Seneca EBS Non-evaluated Sites
 Project Number: 733193-01001
 Date / Time Start: 3/5/98 0815
 Date / Time Finish: 3/5/98 0845
 Weather: Overcast, snow, heavy at times, 20's
 Contractor: Nothnagle Drilling Inc.
 Inspector(s): DRG

TEST PIT NO. TP123D-4
 Location: SEAD-123D

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0.5	FL	CL	Dark brown SILT and CLAY, some roots and organic material, little Cobble, moist.	Abundant debris on ground surface including: culvert sections, cable, copper wire, and fencing.
2	FL	CL	Olive gray to brown SILT and CLAY, little Cobbles, trace medium to coarse Sand, moist.	Abundant debris at depth including: copper and steal wire, steel pipe, steel cable. No staining evident.
		OL	Olive gray to brown SILT and CLAY, little medium Sand, trace coarse Sand, trace roots and organic material.	Probably former ground surface predating mound. No staining of debris evident.

EXCAVATION DIMENSIONS: (Length X Width X Depth) 13' X 3' X 0'-2.1'
 AIR MONITORING DATA: Background OVM Reading: 0.0 ppm
 Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION
825	EB104	2' south of north end 0.5' deep
835	EB105	at south end 1' deep



**PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD**

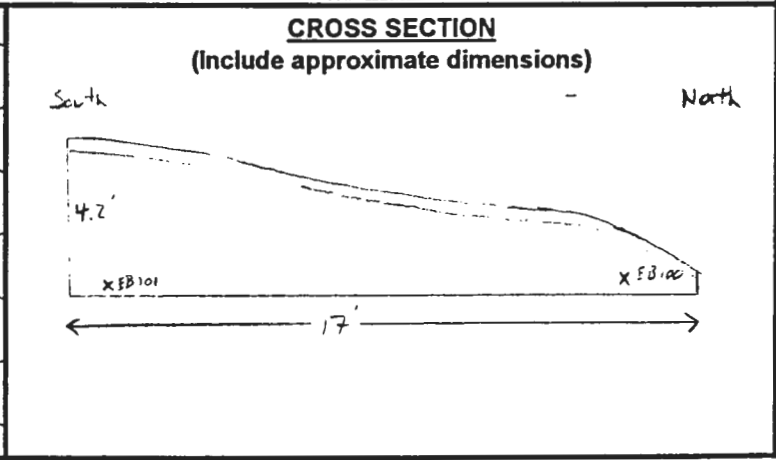
Project Name: Seneca EBS Non-evaluated Sites
 Project Number: 733193-01001
 Date / Time Start: 3/4/98 1510
 Date / Time Finish: 3/4/98 1600
 Weather: Overcast, windy, 30's
 Contractor: Nothnagle Drilling Inc.
 Inspector(s): DRG/KKS

TEST PIT NO. TP123D-5
 Location: SEAD-123D

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0.5	FL	CL	Dark brown SILT and CLAY, some roots and organic material, little Cobble, moist.	Several pieces of light copper wire on ground surface, no staining.
4.2	FL	CL	Olive gray to brown SILT and CLAY, little fine to coarse Sand, little- fine to coarse Gravel, moist	Fill, no evidence of staining or debris.

EXCAVATION DIMENSIONS: (Length X Width X Depth) 17' X 3' X 0'-4.2'
 AIR MONITORING DATA: Background OVM Reading: 0.0 ppm
 Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION
1530	EB100	2' south of north end 1.5' deep
1540	EB101	1' north of south end 4.1' deep



PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD

Project Name: <u>Seneca EBS Non-evaluated Sites</u>	TEST PIT NO. <u>TP123F-1</u>
Project Number: <u>733193-01001</u>	Location: <u>SEAD-123F</u>
Date / Time Start: <u>3/5/98 1330</u>	
Date / Time Finish: <u>3/5/98 1410</u>	
Weather: <u>Partly cloudy, windy, 30's</u>	
Contractor: <u>Nothnagle Drilling Inc.</u>	
Inspector(s): <u>DRG</u>	

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0.5	FL	CL	Dark brown SILT, some Clay, little fine to medium Sand, trace coarse Gravel, cobbles, roots, moist	Vegetation stressed on surface, no evidence of staining or debris.
3	FL	CL	Dark brown SILT, some Clay, little fine to medium Sand, trace coarse Gravel, trace cobbles, moist	Fill, no evidence of staining or debris.
3.7			Dark brown SILT, some Clay, little fine to medium Sand, little cobbles, little coarse Gravel, trace fine to medium Gravel, trace organic material, moist.	Probably former ground surface predating mound, no evidence of staining or debris.

EXCAVATION DIMENSIONS: (Length X Width X Depth)	<u>21' X 3' X 0.5'-3.7'</u>
AIR MONITORING DATA: Background OVM Reading:	<u>0.0 ppm</u>
Maximum Breathing Zone OVM Reading:	<u>0.0 ppm</u>

TIME	SAMPLE I.D.	LOCATION	CROSS SECTION (Include approximate dimensions)
1350	EB110	4' south of north end 0.5' deep	
1405	EB111	5' north of south end 1.5' deep	

**PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD**

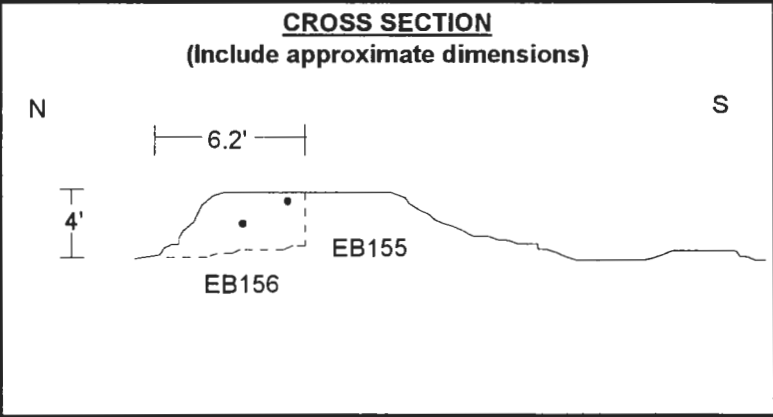
Project Name: Seneca EBS Non-evaluated Sites
 Project Number: 733193-01001
 Date / Time Start: 3/30/98 1450
 Date / Time Finish: 3/30/98 1530
 Weather: _____
 Contractor: Nothnagle Drilling Inc.
 Inspector(s): ITR

TEST PIT NO. TP120A-1
 Location: SEAD-120

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
1			Green to light brown, Silt, some Clay, little fine to coarse Gravel, moist roots in top 0-6".	
2				
3				
4				
5				
6				
7				
8				
9				
10				

EXCAVATION DIMENSIONS: (Length X Width X Depth) 6.2' x 2' x 4'
 AIR MONITORING DATA: Background OVM Reading: 0.0 ppm
 Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION
1500	EB155	.5' from top of mound. 0-.6" deep
1510	EB156	2.5' from top of mound. 2-2.5' deep



**PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD**

Project Name: Seneca EBS Non-evaluated Sites
 Project Number: 733193-01001
 Date / Time Start: 3/31/98 0810
 Date / Time Finish: 3/31/98 0835
 Weather: _____
 Contractor: Nothnagle Drilling Inc.
 Inspector(s): ITR

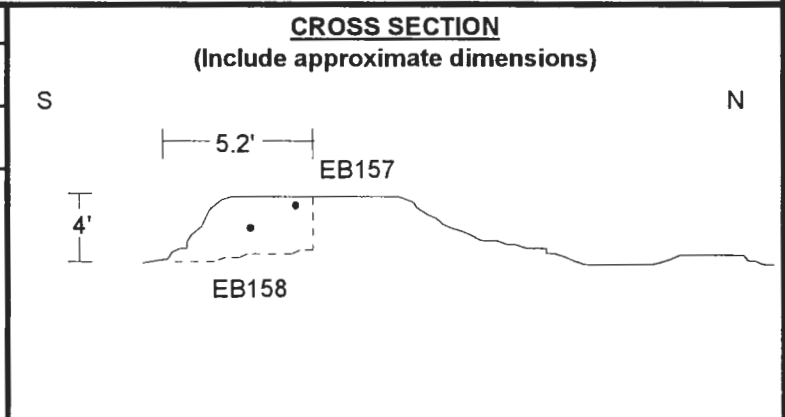
TEST PIT NO. TP120A-2

Location: SEAD-120

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
1	FILL		Dark brown, SAND, little Gravel, some Clay, moist, debris (glass, metal).	Building material debris found, concrete, glass, metal, water pump handle.
2				
3				
4				
5				
6				
7				
8				
9				
10				

EXCAVATION DIMENSIONS: (Length X Width X Depth) 5.2' x 2' x 4'
 AIR MONITORING DATA: Background OVM Reading: 0.0 ppm
 Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION
0810	EB157	.5' from top of mound. 0-.6" deep
0835	EB158	2.5' from top of mound. 2-2.5' deep



**PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD**

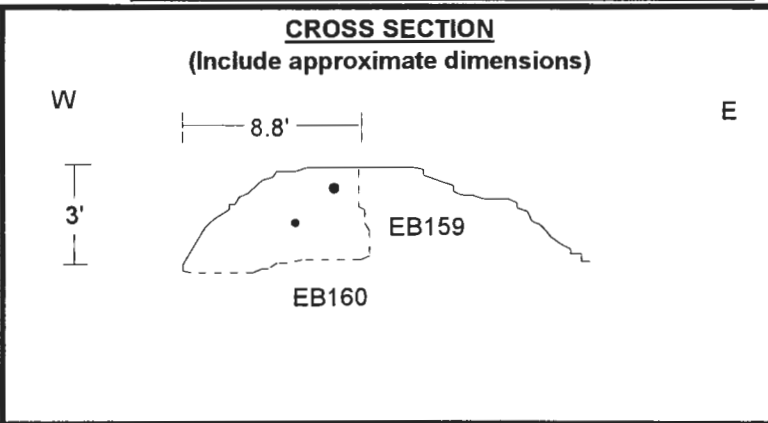
Project Name: Seneca EBS Non-evaluated Sites
 Project Number: 733193-01001
 Date / Time Start: 3/31/98 0810
 Date / Time Finish: 3/31/98 0835
 Weather: _____
 Contractor: Nothnagle Drilling Inc.
 Inspector(s): ITR

TEST PIT NO. TP120A-3
 Location: SEAD-120

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
1			Gray to brown CLAY, little coarse Gravel, moist, roots in top 0-6".	
2				
3				
4				
5				
6				
7				
8				
9				
10				

EXCAVATION DIMENSIONS: (Length X Width X Depth) 5.2' x 2' x 4'
 AIR MONITORING DATA: Background OVM Reading: 0.0 ppm
 Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION
1350	EB159	1' from top of mound. 0-.6" deep
1400	EB160	2' from top of mound. 2-2.5' deep



**PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD**

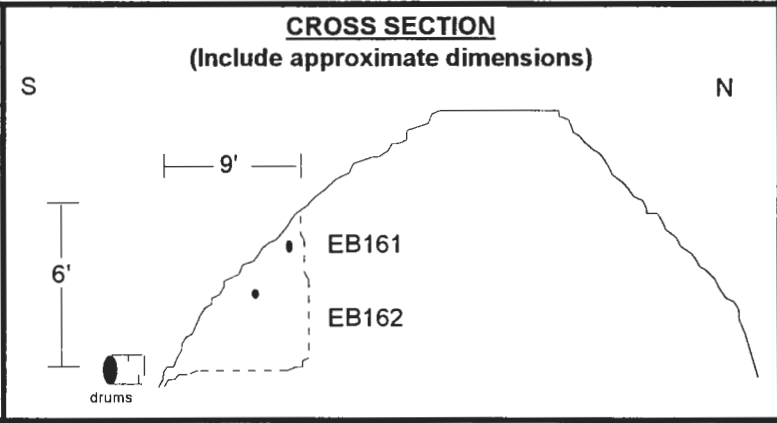
Project Name: Seneca EBS Non-evaluated Sites
 Project Number: 733193-01001
 Date / Time Start: 3/31/98 0810
 Date / Time Finish: 3/31/98 0835
 Weather: _____
 Contractor: Nothnagle Drilling Inc.
 Inspector(s): ITR

TEST PIT NO. TP120A-4
 Location: SEAD-120

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
1	FILL		Greenish brown to dark brown, SILT and CLAY, some coarse Gravel, very little cobbles, moist.	Empty drums and drum pieces were located at base of mound.
2				
3				
4				
5				
6				
7				
8				
9				
10				

EXCAVATION DIMENSIONS: (Length X Width X Depth) 9' x 2' x 6'
 AIR MONITORING DATA: Background OVM Reading: 0.0 ppm
 Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION
1220	EB161	1' from top of pit. 0-.6" deep
1240	EB162	3' from top of pit. 2-2.5' deep



**PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD**

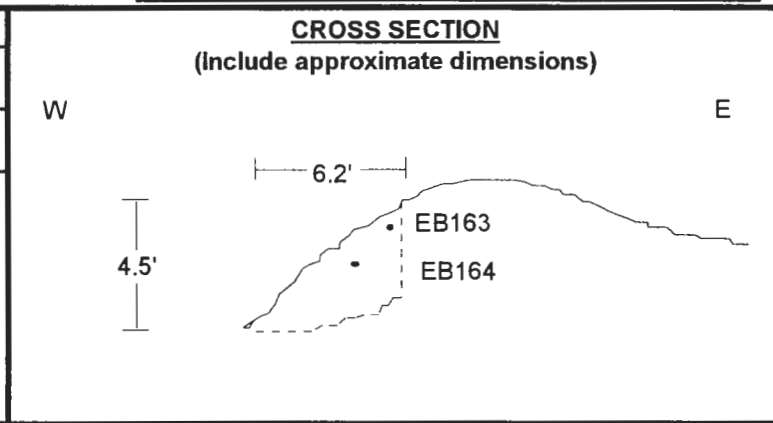
Project Name: Seneca EBS Non-evaluated Sites
 Project Number: 733193-01001
 Date / Time Start: 3/30/98 1025
 Date / Time Finish: 3/30/98 1100
 Weather: _____
 Contractor: Nothnagle Drilling Inc.
 Inspector(s): ITR

TEST PIT NO. TP120A-5
 Location: SEAD-120

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
1	FILL		Brown to dark brown, CLAY and SAND, little coarse gravel, moist.	
2				
3				
4				
5				
6				
7				
8				
9				
10				

EXCAVATION DIMENSIONS: (Length X Width X Depth) 9' x 2' x 6'
 AIR MONITORING DATA: Background OVM Reading: 0.0 ppm
 Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION
1030	EB163	0.6' from top of pit. 0-.6" deep
1040	EB164	1.8' from top of pit. 1-1.2' deep



**PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD**

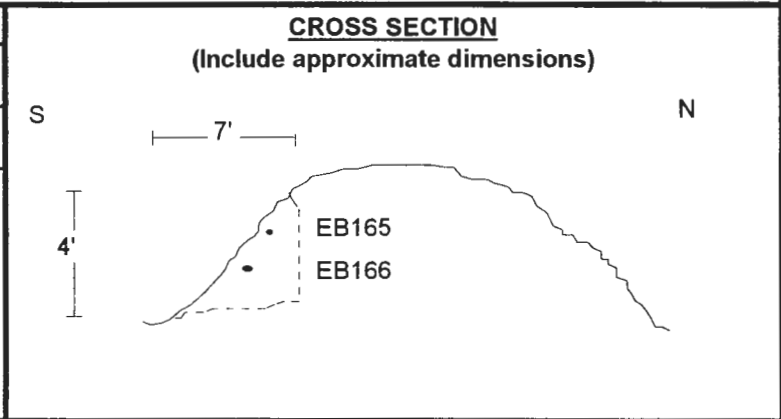
Project Name: Seneca EBS Non-evaluated Sites
 Project Number: 733193-01001
 Date / Time Start: 3/31/98 1055
 Date / Time Finish: 3/31/98 1130
 Weather: _____
 Contractor: Nothnagle Drilling Inc.
 Inspector(s): ITR

TEST PIT NO. TP120B-1
 Location: SEAD-120

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
1	FILL		Greenish brown, SILT and Clay, very little fine to coarse Gravel, moist.	Small arms bullets of various cal. were lodged in mound.
2				
3				
4				
5				
6				
7				
8				
9				
10				

EXCAVATION DIMENSIONS: (Length X Width X Depth) 7' x 2' x 4'
 AIR MONITORING DATA: Background OVM Reading: 0.0 ppm
 Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION
1100	EB165	3' from top of pit. 0-.6" deep
1125	EB166	4' from top of pit. 2-2.2' deep



**PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD**

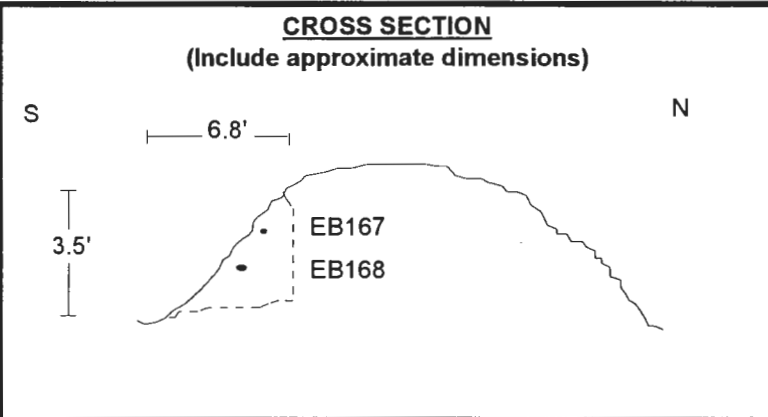
Project Name: Seneca EBS Non-evaluated Sites
 Project Number: 733193-01001
 Date / Time Start: 3/31/98 1145
 Date / Time Finish: 3/31/98 1210
 Weather: _____
 Contractor: Nothnagle Drilling Inc.
 Inspector(s): ITR

TEST PIT NO. TP120B-2
 Location: SEAD-120

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
1	FILL		Greenish brown, SILT and Clay, very little fine to coarse Gravel, moist.	Small arms bullets of various cal. were lodged in mound.
2				
3				
4				
5				
6				
7				
8				
9				
10				

EXCAVATION DIMENSIONS: (Length X Width X Depth) 6.8' x 2' x 3.5'
 AIR MONITORING DATA: Background OVM Reading: 0.0 ppm
 Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION
1200	EB167	3.5' from top of pit. .8-1' deep
1210	EB168	4' from top of pit. 2-2.2' deep



**PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD**

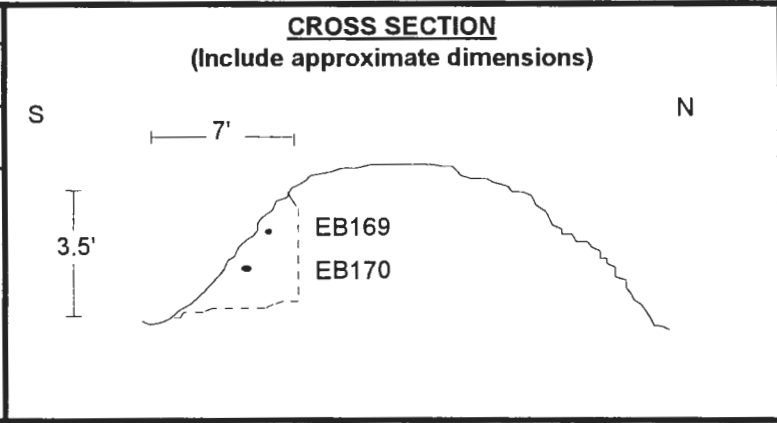
Project Name: Seneca EBS Non-evaluated Sites
 Project Number: 733193-01001
 Date / Time Start: 3/31/98 1300
 Date / Time Finish: 3/31/98 1400
 Weather: _____
 Contractor: Nothnagle Drilling Inc.
 Inspector(s): ITR

TEST PIT NO. TP120B-3
 Location: SEAD-120

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
1	FILL		Greenish brown, SILT and Clay, very little fine to coarse Gravel, moist.	Small arms bullets of various cal. were lodged in mound.
2				
3				
4				
5				
6				
7				
8				
9				
10				

EXCAVATION DIMENSIONS: (Length X Width X Depth) 7' x 2' x 3.5'
 AIR MONITORING DATA: Background OVM Reading: 0.0 ppm
 Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION
1305	EB169	0' from top of pit. 1-1.5' deep
1310	EB170	3.5' from top of pit. 2.2-3' deep



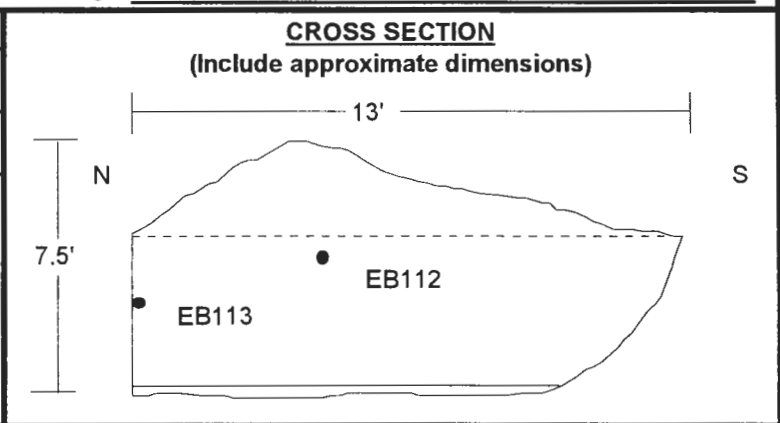
**PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD**

Project Name: Seneca EBS Non-evaluated Sites	TEST PIT NO. TP120G-1
Project Number: 733193-01001	Location: SEAD-120
Date / Time Start: 5/3/98 1510	
Date / Time Finish: 5/3/98 1600	
Weather:	
Contractor: Nothnagle Drilling Inc.	
Inspector(s): DRG, KKS	

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
1	FILL		Light brown, SILT and fine Sand, little coarse Sand and fine Gravel, trace coarse Gravel, trace cobbles, moist.	
2				
3				
4				
5				
6				
7				
	TILL		Light, reddish brown, SILT and CLAY, trace fine Sand, trace coarse Sand, wet.	No man-made debris or staining.
8		7.0'		
9		7.5'		
10				

EXCAVATION DIMENSIONS: (Length X Width X Depth) 13' x 3' x 7.5'
 AIR MONITORING DATA: Background OVM Reading: 0.0 ppm
 Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION
1540	EB112	5.0' south of north end. 0.5' deep.
1550	EB113	directly below north end. 2.0' deep.



PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD

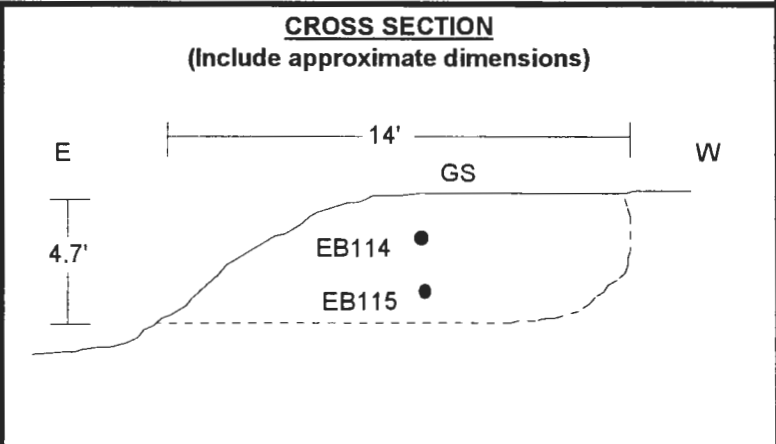
Project Name: Seneca EBS Non-evaluated Sites
 Project Number: 733193-01001
 Date / Time Start: 6/3/98 1010
 Date / Time Finish: 6/3/98 1040
 Weather: _____
 Contractor: Nothnagle Drilling Inc.
 Inspector(s): MW

TEST PIT NO. TP120G-2
 Location: SEAD-120

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
1	FILL		Dark brown, SILT, some+ Clay, trace fine Sand, trace fine to coarse Gravel, moist.	Native soil appears wet at bottom of trench.
2				
3				
4				
4.7'				
5				
6				
7				
8				
9				
10				

EXCAVATION DIMENSIONS: (Length X Width X Depth) 14' x 3' x 4.7'
 AIR MONITORING DATA: Background OVM Reading: 0.0 ppm
 Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION
1015	EB114	south side 1.5' deep
1030	EB115	south side 3.0' deep



**PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD**

Project Name: Seneca EBS Non-evaluated Sites
 Project Number: 733193-01001
 Date / Time Start: 3/9/98 1445
 Date / Time Finish: 3/9/98 1500
 Weather: _____
 Contractor: Nothnagle Drilling Inc.
 Inspector(s): MW

TEST PIT NO. TP120G-3
 Location: SEAD-120

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
1	FILL		Olive gray, SILT, trace coarse Sand, little fine Gravel (Sand and Gravel are Slate chips), moist.	
2				
3				
4				
5				
6				
7				
8				
9				
10				

EXCAVATION DIMENSIONS: (Length X Width X Depth) Hand auger was used.
 AIR MONITORING DATA: Background OVM Reading: 0.0 ppm
 Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION	CROSS SECTION (Include approximate dimensions)
1445	EB135	1' deep	
1550	EB136	2' deep	

**PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD**

Project Name:	Seneca EBS Non-evaluated Sites	TEST PIT NO.	TP120G-4
Project Number:	733193-01001	Location:	SEAD-120
Date / Time Start:	6/3/98 1310		
Date / Time Finish:	6/3/98 1450		
Weather:			
Contractor:	Nothnagle Drilling Inc.		
Inspector(s):	MW		

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
1	FILL		Dark brown, SILT, some- clay, trace+ fine to coarse Sand, fine Gravel to 18" Boulders, moist, roots in upper 6".	No debris observed in mound.
2				
3				
4				
5				
6				
7				
8				
9				
10				

EXCAVATION DIMENSIONS: (Length X Width X Depth) 13' x 3' x 7'

AIR MONITORING DATA: Background OVM Reading: 0.0 ppm

Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION	CROSS SECTION (Include approximate dimensions)
1345	EB118	south side 18" deep	
1420	EB119	south side 3.5' deep	

**PARSONS ENGINEERING SCIENCE, INC.
TEST PIT RECORD**

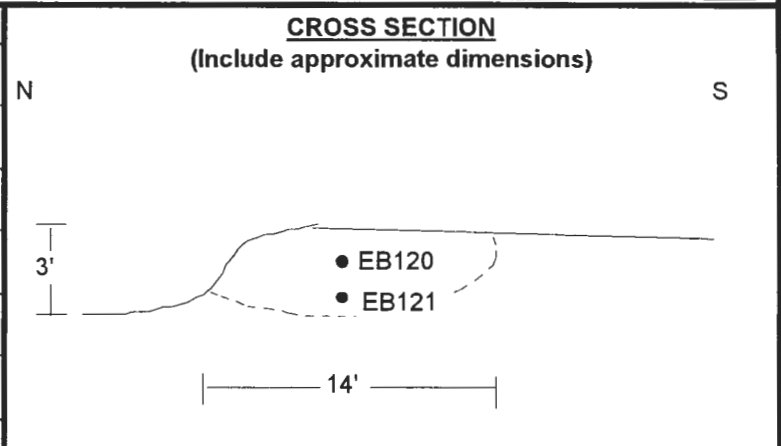
Project Name: Seneca EBS Non-evaluated Sites
 Project Number: 733193-01001
 Date / Time Start: 6/3/98 1540
 Date / Time Finish: 6/3/98 1635
 Weather: _____
 Contractor: Nothnagle Drilling Inc.
 Inspector(s): MW

TEST PIT NO. TP120G-5
 Location: SEAD-120

DEPTH (ft bgs)	Stratigraphy	Macro	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
1	FILL		Dark brown, SILT, little Clay, trace fine Sand, moist.	Observed piece of metal banding in top of mound. Also, there are at least 20 large boulders (up to 4' in diameter) in the mound.
2				
3				
4			Greenish gray, to reddish orange, SILT and Clay, moist to wet.	
5				
6				
7				
8				
9				
10				

EXCAVATION DIMENSIONS: (Length X Width X Depth) 14' x 3' x 3'
 AIR MONITORING DATA: Background OVM Reading: 0.0 ppm
 Maximum Breathing Zone OVM Reading: 0.0 ppm

TIME	SAMPLE I.D.	LOCATION
1550	EB120	east side. 1' deep
1555	EB121	east side 3.5' deep

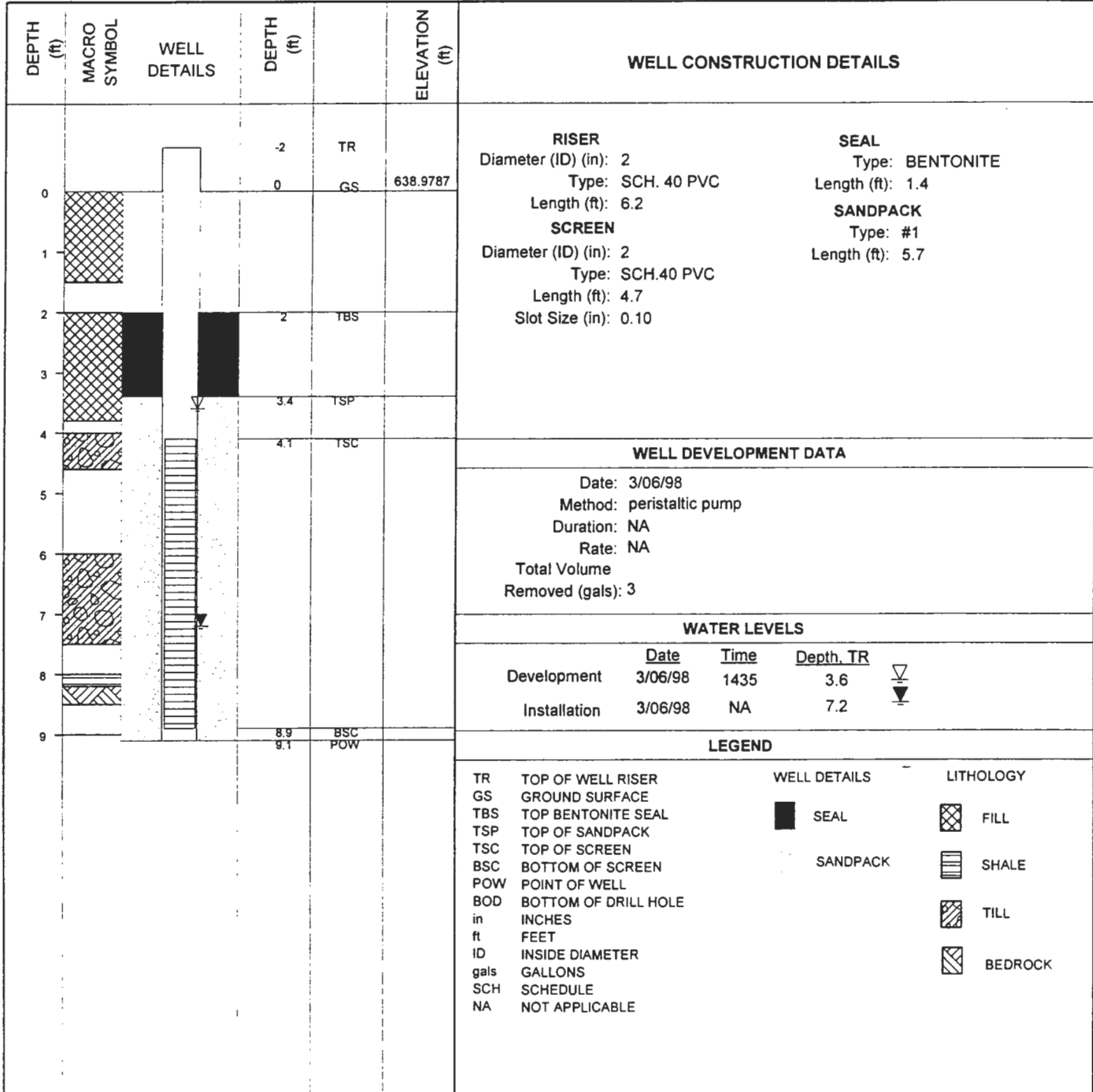


APPENDIX C. Well Construction Diagrams

TEMPORARY WELL COMPLETION REPORT: 122E-1

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 122
PROJECT NO: 733193-01001
WELL INSTALLATION STARTED: 3/06/98
WELL INSTALLATION COMPLETED: 3/06/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 9.1
DEPTH TO WATER: 7.2
BORING LOCATION: 987033.7607 ft NORTH
 740754.7201 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 638.9787 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR



NOTES: Temporary Well development consisted of removal of 3-5 well volumes.

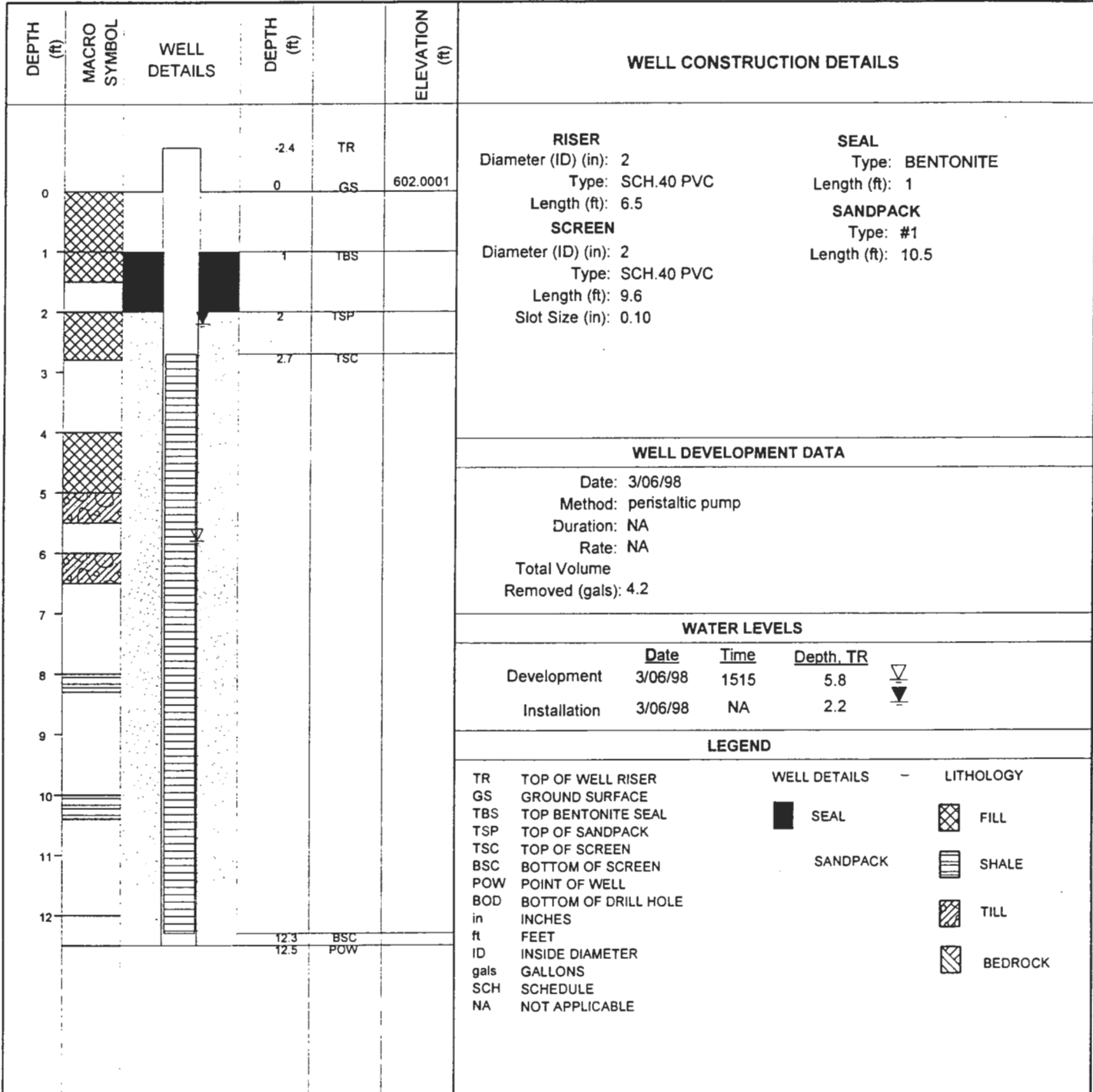
UNITED STATES ARMY
 CORPS OF ENGINEERS
 Seneca Army Depot
 Romulus, New York

TEMPORARY WELL
 COMPLETION REPORT: 122E-1

TEMPORARY WELL COMPLETION REPORT: 122E-2

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 122
PROJECT NO: 733193-01001
WELL INSTALLATION STARTED: 3/06/98
WELL INSTALLATION COMPLETED: 3/06/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 12.5
DEPTH TO WATER: 2.2
BORING LOCATION: 988958.412 ft NORTH
 739018.1027 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 602.0001 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR



NOTES: Temporary Well development consisted of removal of 3-5 well volumes.

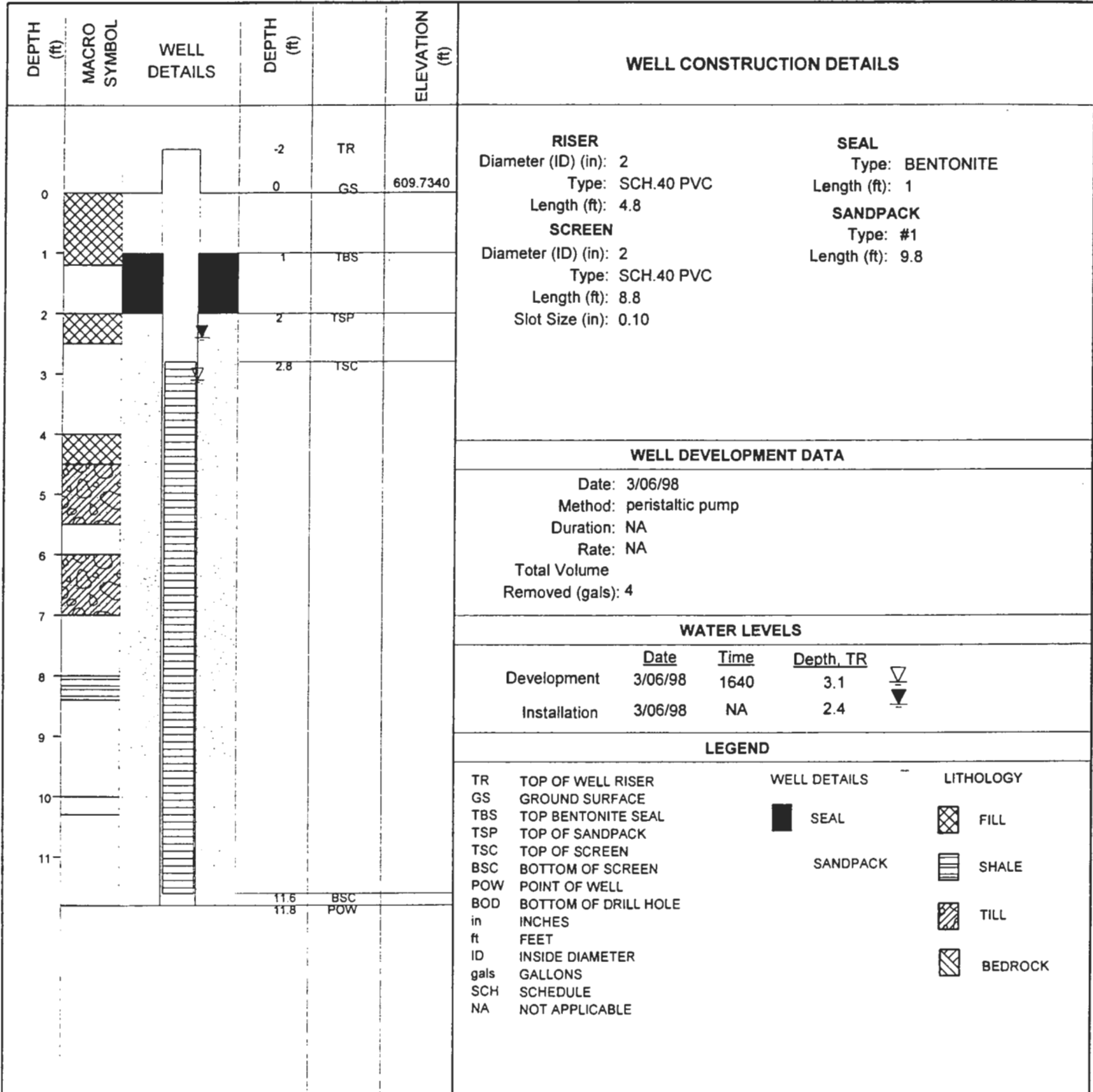
UNITED STATES ARMY
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 Seneca Army Depot
 Romulus, New York

**TEMPORARY WELL
 COMPLETION REPORT: 122E-2**

TEMPORARY WELL COMPLETION REPORT: 122E-3

PROJECT: Seneca Non-evaluated EBS Sites
PROJECT LOCATION: Seneca Army Depot, Romulus, New York
ASSOCIATED AREA/UNIT: SEAD 122
PROJECT NO: 733193-01001
WELL INSTALLATION STARTED: 3/06/98
WELL INSTALLATION COMPLETED: 3/06/98
DRILLING CONTRACTOR: Nothnagle
DRILLING METHOD: HSA 8"
SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 11.8
DEPTH TO WATER: 2.4
BORING LOCATION: 991432.0738 ft NORTH
 738522.1617 ft EAST
COORDINATE SYSTEM: NAD83
GROUND SURFACE ELEVATION: 609.7340 ft
ELEVATION DATUM: NAVD88
INSPECTOR: DRG
CHECKED BY: ITR



NOTES: Temporary Well development consisted of removal of 3-5 well volumes.

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 Seneca Army Depot
 Romulus, New York

TEMPORARY WELL
COMPLETION REPORT: 122E-3

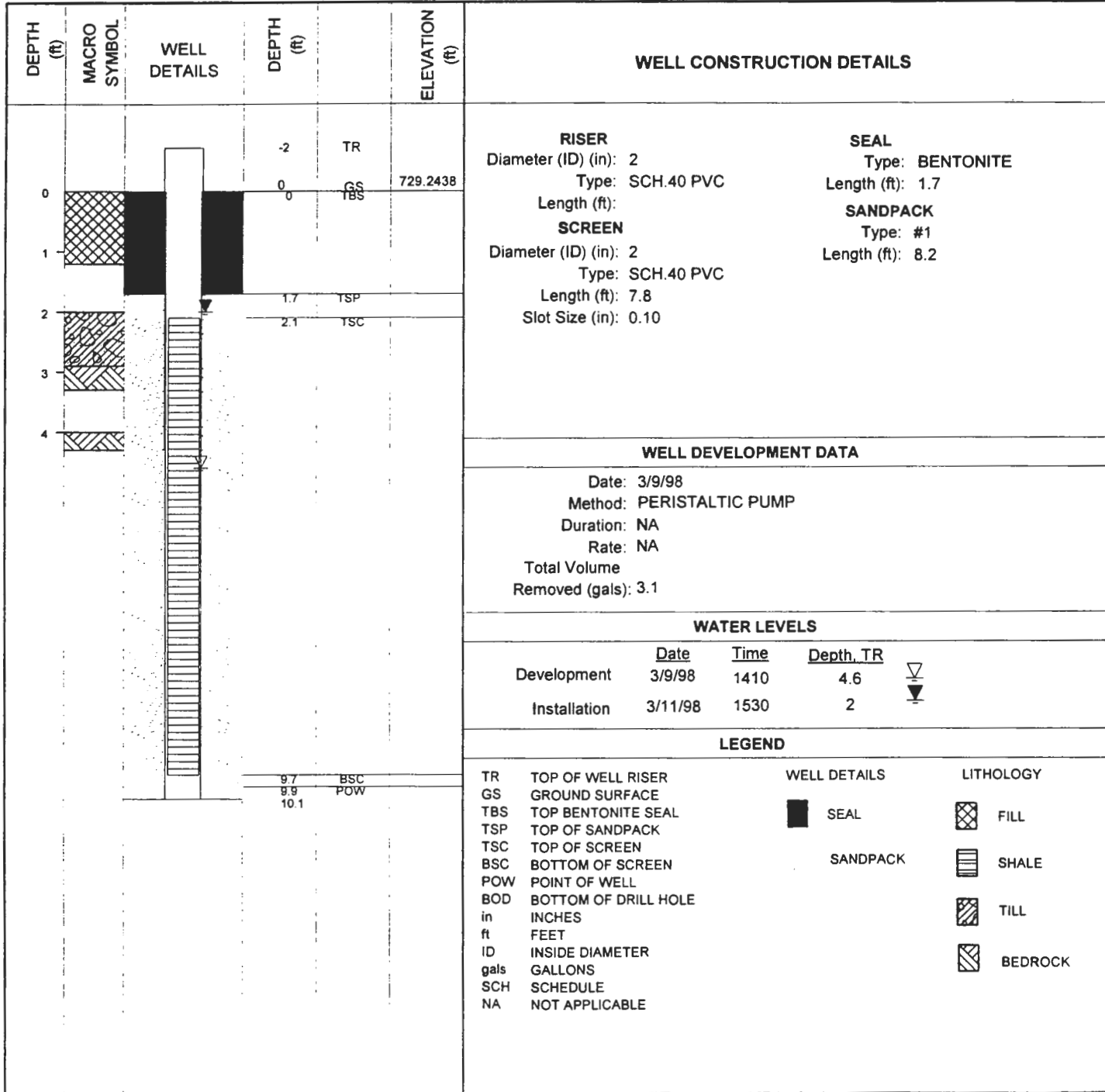
TEMPORARY WELL COMPLETION REPORT: 121C-1

PROJECT: Seneca Non-evaluated EBS Sites
 PROJECT LOCATION: Seneca Army Depot, Romulus, New York
 ASSOCIATED AREA/UNIT: SEAD 121
 PROJECT NO: 733193-01001

TOTAL DEPTH: 4.3
 DEPTH TO WATER: 2
 BORING LOCATION: 997305.3484 ft NORTH
 749798.8895 ft EAST

WELL INSTALLATION STARTED: 3/11/98
 WELL INSTALLATION COMPLETED: 3/11/98
 DRILLING CONTRACTOR: Nothnagle
 DRILLING METHOD: HSA 8"
 SAMPLING METHOD: Split Spoon

COORDINATE SYSTEM: NAD83
 GROUND SURFACE ELEVATION: 729.2438 ft
 ELEVATION DATUM: NAVD88
 INSPECTOR: DRF
 CHECKED BY: ITR

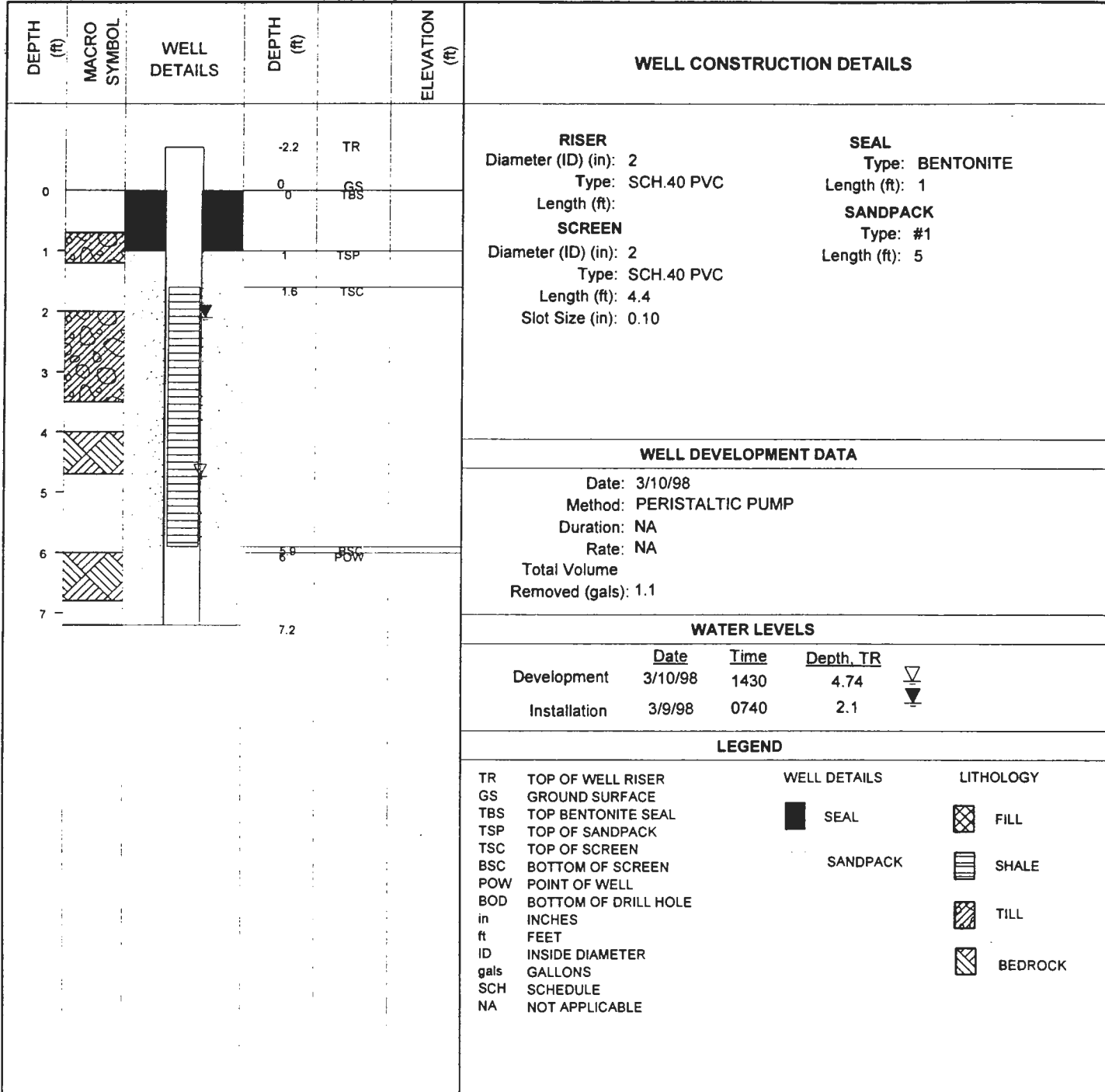


NOTES: Temporary Well development consisted of removal of 3-5 well volumes.

TEMPORARY WELL COMPLETION REPORT: 121C-2

PROJECT: Seneca Non-evaluated EBS Sites
 PROJECT LOCATION: Seneca Army Depot, Romulus, New York
 ASSOCIATED AREA/UNIT: SEAD 121
 PROJECT NO: 733193-01001
 WELL INSTALLATION STARTED: 3/9/98
 WELL INSTALLATION COMPLETED: 3/9/98
 DRILLING CONTRACTOR: Nothnagle
 DRILLING METHOD: HSA 8"
 SAMPLING METHOD: Split Spoon

TOTAL DEPTH: 7.2
 DEPTH TO WATER: 2.1
 BORING LOCATION: ft NORTH
 ft EAST
 COORDINATE SYSTEM: NAD83
 GROUND SURFACE ELEVATION: ft
 ELEVATION DATUM: NAVD88
 INSPECTOR: DRG
 CHECKED BY: ITR



NOTES: Temporary Well development consisted of removal of 3-5 well volumes.

UNITED STATES ARMY
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 Seneca Army Depot
 Romulus, New York

TEMPORARY WELL
 COMPLETION REPORT: 121C-2

APPENDIX D. Geophysical Data

**Site: Ice Rink
SEDA EBS Sites**

	Easting	Northing	Quadrature Response	In-Phase Response
LINE 0				
	741620.6784	1016112.929	23.834	0.49
	741620.9152	1016108.173	24.108	0.525
	741621.1521	1016103.416	23.896	0.497
	741621.3889	1016098.66	23.406	0.409
	741621.6258	1016093.904	23.284	0.679
	741621.8626	1016089.148	23.346	0.735
	741622.0994	1016084.393	23.04	0.705
	741622.3363	1016079.637	22.95	0.56
	741622.5732	1016074.881	22.828	0.415
	741622.81	1016070.125	22.584	0.49
	741623.0469	1016065.369	22.522	0.457
	741623.2837	1016060.613	22.46	0.538
	741623.5206	1016055.856	22.888	0.593
	741623.7574	1016051.1	22.736	0.617
	741623.9943	1016046.344	22.706	0.47
	741624.2312	1016041.588	22.98	0.31
	741624.468	1016036.833	22.766	0.648
	741624.7048	1016032.077	22.858	0.657
	741624.9417	1016027.321	23.102	0.683
	741625.1785	1016022.565	23.162	0.784
	741625.4154	1016017.809	23.986	0.641
	741625.6522	1016013.052	24.108	0.727
	741625.8891	1016008.296	25.3	0.907
	741626.126	1016003.54	27.374	1.056
	741626.3628	1015998.784	33.082	1.198
	741626.5997	1015994.028	47.364	1.887
	741626.8365	1015989.272	84.32	4.466
	741627.0733	1015984.517	118.744	5.76
	741627.3102	1015979.761	118.256	5.141
	741627.547	1015975.005	172.698	8.125
	741627.7839	1015970.248	208.74	9.156
	741628.0208	1015965.492	149.506	6.647
	741628.2576	1015960.736	163.208	8.544
	741628.4945	1015955.98	170.502	7.871
	741628.7313	1015951.224	186.248	5.69
	741628.9682	1015946.468	74.616	1.808
	741629.205	1015941.712	60.546	1.074
	741629.4418	1015936.957	85.206	0.883
	741629.6787	1015932.201	85.48	0.281
	741629.9156	1015927.445	116.912	0.24
	741630.3893	1015917.932	129.242	3.654
	741630.6261	1015913.176	142.394	6.794
	741630.863	1015908.42	209.382	15.796
	741631.0998	1015903.664	241.424	16.926
	741631.3367	1015898.908	211.426	10.469
	741631.5735	1015894.152	162.11	6.146
	741631.8104	1015889.396	139.924	6.763
	741632.0472	1015884.641	138.61	13.628
	741632.2841	1015879.884	119.11	11.072
	741632.5209	1015875.128	83.558	1.164
	741632.7578	1015870.372	48.462	-1.899
	741632.9946	1015865.616	41.718	3.777
	741633.2315	1015860.86	29.206	2.124
	741633.4683	1015856.104	26	1.041
	741633.7052	1015851.348	25.726	0.834
	741633.9421	1015846.592	25.512	0.826
	741634.1789	1015841.836	25.422	0.863
	741634.4157	1015837.081	25.39	1.014
	741634.6526	1015832.324	25.482	1.144
	741634.8894	1015827.568	25.544	1.005
	741635.1263	1015822.812	25.788	0.999
	741635.3631	1015818.056	25.878	1.036
	741635.6	1015813.3	25.878	0.92
LINE 20				
	741655.5752	1015814.295	25.086	0.644
	741655.3384	1015819.051	24.902	0.694
	741655.1015	1015823.807	24.872	0.817
	741654.8647	1015828.563	24.994	1.006
	741654.6278	1015833.319	24.964	1.176
	741654.391	1015838.075	24.902	0.92
	741654.1542	1015842.83	24.81	0.944
	741653.9173	1015847.587	24.536	0.957
	741653.6804	1015852.343	24.566	0.994
	741653.4436	1015857.099	24.506	0.819
	741653.2067	1015861.855	24.598	0.821
	741652.9699	1015866.611	24.476	0.942
	741652.733	1015871.367	24.322	0.775
	741652.4962	1015876.123	24.75	0.79
	741652.2593	1015880.879	25.268	0.872
	741652.0225	1015885.635	26.276	1.192
	741651.7856	1015890.39	27.344	1.19
	741651.5488	1015895.147	27.192	0.834
	741651.3119	1015899.903	27.13	0.718
	741651.0751	1015904.659	27.222	0.747
	741650.8382	1015909.415	27.558	0.78
	741650.6014	1015914.171	28.32	0.672
	741650.3753	1015918.71	29.114	0.819
	741650.1492	1015923.251	29.51	1.06
	741649.9231	1015927.79	29.968	1.126
	741649.697	1015932.33	30.274	1.028
	741649.471	1015936.87	30.854	1.133
	741649.2448	1015941.41	31.464	1.093
	741649.0188	1015945.95	31.738	1.185
	741648.7927	1015950.49	31.616	1.212
	741648.5666	1015955.029	31.158	1.091
	741648.3405	1015959.57	30.854	0.979
	741648.1144	1015964.109	30.578	0.874
	741647.8884	1015968.648	30.426	0.922
	741647.6622	1015973.189	30.06	1.051
	741647.4362	1015977.728	29.632	0.903
	741647.2101	1015982.269	29.572	0.856
	741646.984	1015986.808	29.266	0.992
	741646.7579	1015991.348	28.412	1.023
	741646.5318	1015995.888	27.588	0.841
	741646.3057	1016000.428	27.038	0.913
	741646.0797	1016004.967	26.642	0.865
	741645.8535	1016009.508	26.032	0.788

Site: Ice Rink
SEDA EBS Sites

	Easting	Northing	Quadrature Response	In-Phase Response
	741645.6275	1016014.047	25.422	0.992
	741645.3906	1016018.803	25.3	1.087
	741645.1538	1016023.559	25.422	0.898
	741644.9169	1016028.316	25.208	0.891
	741644.6801	1016033.072	24.78	0.869
	741644.4432	1016037.828	23.53	1.047
	741644.2064	1016042.583	22.644	0.933
	741643.9695	1016047.339	22.858	0.722
	741643.7327	1016052.095	22.918	0.797
	741643.4958	1016056.851	22.858	0.823
	741643.259	1016061.607	22.98	1.006
	741643.0221	1016066.363	23.01	1.091
	741642.7853	1016071.119	23.194	1.062
	741642.5484	1016075.876	23.284	0.795
	741642.3115	1016080.632	22.95	0.611
	741642.0747	1016085.388	23.072	0.749
	741641.8379	1016090.143	22.828	0.769
	741641.601	1016094.899	23.01	0.845
	741641.3642	1016099.655	23.132	0.962
	741641.1273	1016104.411	23.102	1.093
	741640.8905	1016109.167	23.01	1.166
	741640.6536	1016113.923	23.742	1.041
LINE 40				
	741660.6288	1016114.918	23.56	0.852
	741660.8657	1016110.162	23.498	0.927
	741661.1026	1016105.406	23.926	0.747
	741661.3394	1016100.65	23.498	0.595
	741661.5763	1016095.894	23.62	0.701
	741661.8131	1016091.138	23.132	0.858
	741662.0499	1016086.383	22.98	1.017
	741662.2868	1016081.626	22.918	0.916
	741662.5236	1016076.87	23.162	0.802
	741662.7605	1016072.114	22.674	0.661
	741662.9974	1016067.358	23.53	0.744
	741663.2342	1016062.602	23.284	0.903
	741663.4711	1016057.846	23.072	0.957
	741663.7079	1016053.09	23.53	0.955
	741663.9448	1016048.334	23.956	0.836
	741664.1816	1016043.578	23.56	0.777
	741664.4184	1016038.823	22.95	0.867
	741664.6553	1016034.066	23.926	1.159
	741664.8922	1016029.31	24.688	0.997
	741665.129	1016024.554	24.688	0.824
	741665.3659	1016019.798	25.33	0.753
	741665.6027	1016015.042	25.024	0.681
	741665.8396	1016010.286	25.238	0.909
	741666.0764	1016005.53	24.81	0.975
	741666.3133	1016000.774	24.598	0.858
	741666.5502	1015996.018	24.872	0.795
	741666.787	1015991.261	25.054	1.076
	741667.0238	1015986.506	24.994	1.027
	741667.2607	1015981.75	24.78	0.795
	741667.4975	1015976.994	24.932	0.779
	741667.7344	1015972.238	25.3	0.858
	741667.9712	1015967.482	25.086	0.992
	741668.2081	1015962.726	25.238	0.975
	741668.445	1015957.97	25.33	0.839
	741668.6818	1015953.214	25.238	0.848
	741668.9187	1015948.458	25.452	0.689
	741669.1555	1015943.701	25.422	0.889
	741669.3923	1015938.946	25.422	0.85
	741669.6292	1015934.19	25.634	0.836
	741669.866	1015929.434	24.23	0.747
	741670.1029	1015924.678	24.018	0.786
	741670.3398	1015919.922	23.712	0.804
	741670.5766	1015915.166	23.834	0.881
	741670.8135	1015910.41	24.17	0.87
	741671.0503	1015905.654	24.17	1.008
	741671.2872	1015900.897	24.2	0.951
	741671.524	1015896.141	24.108	0.81
	741671.7609	1015891.385	24.2	0.845
	741671.9977	1015886.63	24.658	0.966
	741672.2346	1015881.874	25.024	1.128
	741672.4714	1015877.118	24.872	0.894
	741672.7083	1015872.362	24.078	0.926
	741672.9451	1015867.606	23.62	0.953
	741673.182	1015862.85	23.376	1.049
	741673.4188	1015858.094	23.53	1.15
	741673.6557	1015853.337	23.896	1.032
	741673.8925	1015848.581	23.926	1.109
	741674.1294	1015843.825	23.896	1.21
	741674.3662	1015839.07	24.354	1.062
	741674.6031	1015834.314	24.476	0.933
	741674.8399	1015829.558	24.506	1.113
	741675.0768	1015824.802	24.536	0.911
	741675.3136	1015820.046	24.658	0.861
	741675.5505	1015815.29	25.024	1.168
LINE 60				
	741695.5257	1015816.284	24.964	0.584
	741695.2889	1015821.04	25.176	0.709
	741695.052	1015825.797	25.3	0.834
	741694.8152	1015830.553	24.902	0.889
	741694.5783	1015835.309	24.292	1.177
	741694.3415	1015840.065	24.14	1.089
	741694.1046	1015844.82	24.018	1.014
	741693.8678	1015849.576	24.23	0.909
	741693.6309	1015854.332	24.444	0.841
	741693.3941	1015859.088	24.292	1.038
	741693.1572	1015863.844	24.17	1.065
	741692.9204	1015868.6	24.23	1.039
	741692.6835	1015873.357	24.566	0.937
	741692.4467	1015878.113	26.124	1.006
	741692.2098	1015882.869	27.74	1.284
	741691.9729	1015887.625	25.208	1.039
	741691.7361	1015892.38	24.566	0.878
	741691.4993	1015897.136	24.414	0.999
	741691.2624	1015901.892	23.834	0.896
	741691.0256	1015906.648	23.742	0.722

Site: Ice Rink
SEDA EBS Sites

Easting	Northing	Quadrature Response	In-Phase Response
741690.7887	1015911.404	23.498	0.852
741690.5519	1015916.161	23.56	0.933
741690.315	1015920.917	23.468	0.981
741690.0781	1015925.673	23.346	0.982
741689.8413	1015930.429	23.284	0.848
741689.6044	1015935.185	23.132	1.003
741689.3676	1015939.941	24.018	0.975
741689.1308	1015944.696	25.054	0.76
741688.8939	1015949.452	25.116	0.887
741688.6571	1015954.208	24.842	0.876
741688.4202	1015958.965	24.688	0.837
741688.1833	1015963.721	24.81	0.812
741687.9465	1015968.477	24.81	0.997
741687.7096	1015973.233	24.81	0.988
741687.4728	1015977.989	24.75	0.894
741687.2359	1015982.745	24.262	0.942
741686.9991	1015987.501	24.262	0.852
741686.7623	1015992.256	24.384	0.795
741686.5254	1015997.012	24.414	0.863
741686.2885	1016001.768	24.17	0.942
741686.0517	1016006.525	24.14	0.817
741685.8148	1016011.281	24.048	0.841
741685.578	1016016.037	24.14	0.731
741685.3411	1016020.793	24.658	0.793
741685.1043	1016025.549	24.476	0.972
741684.8674	1016030.305	24.444	0.949
741684.6305	1016035.061	24.842	0.986
741684.3937	1016039.817	24.506	1.032
741684.1569	1016044.572	23.53	0.852
741683.92	1016049.329	23.284	0.779
741683.6832	1016054.085	23.53	0.874
741683.4463	1016058.841	23.406	1.021
741683.2095	1016063.597	23.56	0.973
741682.9726	1016068.353	23.316	0.975
741682.7357	1016073.109	23.04	0.845
741682.4989	1016077.865	23.162	0.902
741682.262	1016082.621	23.132	0.903
741682.0252	1016087.377	23.072	1.062
741681.7884	1016092.132	22.888	0.994
741681.5515	1016096.889	23.284	1.01
741681.3147	1016101.645	23.986	1.146
741681.0778	1016106.401	23.53	1.017
741680.841	1016111.157	23.682	1.122
741680.6041	1016115.913	23.498	1.242
LINE 80			
741700.6291	1016115.909	23.712	0.597
741700.8883	1016110.704	23.316	0.874
741701.1474	1016105.501	22.492	0.823
741701.4066	1016100.296	22.736	0.757
741701.6657	1016095.093	23.04	0.872
741701.9249	1016089.888	22.858	1.172
741702.1841	1016084.685	22.95	1.22
741702.4433	1016079.48	22.766	0.997
741702.7024	1016074.277	23.194	0.749
741702.9616	1016069.072	23.162	0.826
741703.2207	1016063.869	23.438	0.918
741703.4799	1016058.664	23.498	1.021
741703.739	1016053.46	22.95	1.047
741703.9982	1016048.256	23.406	1.03
741704.2574	1016043.052	23.926	0.909
741704.5166	1016037.848	23.62	0.96
741704.7757	1016032.644	23.774	0.992
741705.0349	1016027.44	25.054	1.065
741705.294	1016022.236	25.116	1.073
741705.5532	1016017.032	24.566	1.049
741705.8124	1016011.828	23.864	0.83
741706.0716	1016006.624	23.986	0.903
741706.3308	1016001.420	23.926	1.006
741706.5900	1015996.216	23.712	0.881
741706.8492	1015991.012	23.774	0.935
741707.1084	1015985.808	24.414	1.065
741707.3676	1015980.604	24.994	1.062
741707.6268	1015975.400	24.628	0.994
741707.8860	1015969.196	24.658	0.933
741708.1452	1015963.992	24.932	1.051
741708.4044	1015958.788	24.506	1.065
741708.6636	1015953.584	24.17	0.935
741708.9228	1015948.380	24.688	0.887
741709.1820	1015943.176	23.986	1.016
741709.4412	1015937.972	24.598	1.063
741709.7004	1015932.768	24.688	0.938
741709.9596	1015927.564	24.414	1.194
741710.2188	1015922.360	22.796	1.35
741710.4780	1015917.156	22.308	0.981
741710.7372	1015911.952	23.162	0.955
741711.0000	1015906.748	23.316	1.096
741711.2628	1015901.544	23.498	1.051
741711.5256	1015896.340	23.774	1.221
741711.7884	1015891.136	24.018	1.207
741712.0512	1015885.932	25.33	1.199
741712.3140	1015880.728	26.824	1.223
741712.5768	1015875.524	31.982	1.418
741712.8396	1015870.320	44.19	1.39
741713.1024	1015865.116	34.394	1.124
741713.3652	1015859.912	32.226	1.058
741713.6280	1015854.708	35.43	1.12
741713.8908	1015849.504	30.396	1.034
741714.1536	1015844.300	27.192	0.893
741714.4164	1015839.096	26.032	1.085
741714.6792	1015833.892	25.36	1.352
741714.9420	1015828.688	24.902	1.179
741715.2048	1015823.484	24.932	1.091
741715.4676	1015818.280	24.598	1.223
741715.7304	1015813.076	24.536	1.15
741716.0000	1015807.872	24.658	1.225
741716.2628	1015802.668	24.688	1.223
LINE 100			
741735.4762	1015818.274	25.39	0.369

Site: Ice Rink
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Easting	Northing	Quadrature Response	In-Phase Response
741735.2502	1015822.813	25.146	0.389
741734.798	1015831.893	24.872	0.622
741734.5719	1015836.433	24.658	0.749
741734.3458	1015840.973	24.506	1.074
741734.1197	1015845.513	24.688	1.126
741733.8936	1015850.052	25.086	0.87
741733.6675	1015854.593	25.726	0.944
741733.4415	1015859.132	26.948	1.249
741733.2153	1015863.673	28.748	1.306
741732.9893	1015868.212	32.99	1.218
741732.7632	1015872.751	42.938	1.267
741732.5371	1015877.292	66.102	1.569
741732.311	1015881.831	44.982	1.418
741732.0849	1015886.371	36.834	1.21
741731.8589	1015890.911	41.32	1.096
741731.6328	1015895.451	35.4	1.03
741731.4067	1015899.991	30.152	0.942
741731.1806	1015904.531	27.282	0.994
741730.9545	1015909.07	25.756	1.062
741730.7284	1015913.611	24.932	1.085
741730.5023	1015918.15	24.566	1.069
741730.2537	1015923.144	23.986	1.039
741730.005	1015928.138	23.53	1.03
741729.7563	1015933.132	23.284	1.137
741729.5076	1015938.125	22.828	1.093
741729.2589	1015943.119	23.284	1.005
741729.0102	1015948.113	25.116	1.023
741728.7615	1015953.107	25.268	0.791
741728.5128	1015958.101	24.658	0.992
741728.2641	1015963.094	23.986	1.124
741728.0154	1015968.088	24.2	1.28
741727.7667	1015973.082	24.536	1.096
741727.518	1015978.076	24.536	1.08
741727.2693	1015983.07	24.842	1.045
741727.0206	1015988.063	24.902	0.959
741726.7719	1015993.057	24.994	1.056
741726.5232	1015998.051	24.262	1.177
741726.2745	1016003.045	24.2	1.144
741726.0259	1016008.039	24.262	1.021
741725.7772	1016013.033	24.14	0.957
741725.5285	1016018.026	24.2	0.935
741725.2916	1016022.782	24.108	0.883
741725.0548	1016027.539	24.078	0.984
741724.8179	1016032.295	23.926	1.071
741724.581	1016037.051	24.108	1.159
741724.3442	1016041.807	24.2	1.128
741724.1074	1016046.562	23.194	0.973
741723.8705	1016051.318	22.584	0.83
741723.6336	1016056.073	23.072	1.216
741723.3968	1016060.828	23.072	1.161
741723.16	1016065.586	23.072	1.005
741722.9231	1016070.342	22.858	1.124
741722.6862	1016075.099	23.01	1.271
741722.4494	1016079.855	22.828	1.199
741722.2125	1016084.611	22.736	1.056
741721.9757	1016089.367	22.828	1.093
741721.7389	1016094.122	22.4	0.973
741721.502	1016098.878	22.492	1.076
741721.2652	1016103.634	22.766	1.265
741721.0283	1016108.39	23.01	1.288
741720.7914	1016113.146	23.59	1.212
741720.5546	1016117.903		
LINE 120			
741740.5298	1016118.897	23.774	0.773
741740.2931	1016114.735	24.14	1.196
741740.0443	1016110.575	24.048	1.17
741741.1516	1016106.413	23.774	1.106
741741.3588	1016102.251	23.56	1.014
741741.566	1016098.09	23.254	1.051
741741.7733	1016093.928	23.132	1.201
741741.9806	1016089.766	23.498	1.207
741742.1878	1016085.606	23.468	1.234
741742.395	1016081.444	23.132	1.115
741742.6023	1016077.282	23.316	1.122
741742.8095	1016073.121	23.62	1.288
741743.0168	1016068.959	23.682	1.22
741743.224	1016064.797	23.53	1.128
741743.4312	1016060.637	23.406	1.157
741743.6385	1016056.475	23.406	1.198
741743.8458	1016052.313	23.896	1.073
741744.053	1016048.152	23.498	1.177
741744.2602	1016043.99	23.316	1.15
741744.4675	1016039.828	23.406	1.091
741744.6747	1016035.667	24.384	1.31
741744.882	1016031.506	24.994	1.315
741745.0892	1016027.344	24.688	1.115
741745.2964	1016023.183	24.536	1.069
741745.5037	1016019.021	24.872	0.972
741745.711	1016014.859	24.932	1.065
741745.9182	1016010.698	25.238	1.095
741746.1254	1016006.537	25.146	1.069
741746.3327	1016002.375	25.086	1.113
741746.5399	1015998.214	25.3	1.089
741746.7472	1015994.052	25.176	1.095
741746.9544	1015989.89	24.994	1.271
741747.1617	1015985.729	24.964	1.26
741747.3689	1015981.568	25.146	1.163
741747.5762	1015977.406	25.544	1.049
741747.7834	1015973.245	25.116	1.028
741747.9907	1015969.083	25.146	1.095
741748.1979	1015964.921	25.422	1.03
741748.4051	1015960.76	25.634	1.095
741748.6124	1015956.598	25.33	1.166
741748.8196	1015952.437	25.452	1.093
741749.0269	1015948.276	25.726	1.034
741749.2341	1015944.114	25.024	1.164
741749.4414	1015939.952	24.598	1.08
741749.6486	1015935.791	23.926	0.924
741749.8559	1015931.629	23.346	0.979

Site: Ice Rink
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Easting	Northing	Quadrature Response	In-Phase Response
741750.0631	1015927.468	23.316	1.034
741750.2703	1015923.307	23.376	1.163
741750.4776	1015919.145	24.322	1.264
741750.6939	1015914.802	25.116	1.24
741750.9101	1015910.46	25.33	1.242
741751.1263	1015906.118	26	1.124
741751.3426	1015901.775	26.886	1.188
741751.5589	1015897.433	27.588	1.185
741751.7751	1015893.09	29.114	1.142
741751.9914	1015888.748	33.234	1.201
741752.2077	1015884.405	43.792	1.396
741752.4239	1015880.063	73.944	1.969
741752.6401	1015875.721	89.722	2.113
741752.8564	1015871.378	36.682	1.363
741753.0727	1015867.035	55.848	1.367
741753.2889	1015862.693	49.652	1.418
741753.5052	1015858.35	37.69	1.265
741753.7214	1015854.009	31.922	1.201
741753.9377	1015849.666	29.388	1.159
741754.1539	1015845.323	27.802	1.159
741754.3702	1015840.981	26.794	1.28
741754.5865	1015836.638	26.124	1.209
741754.8027	1015832.296	25.544	1.216
741755.0189	1015827.954	25.512	1.155
741755.2352	1015823.611	25.33	1.096
741755.4515	1015819.269	25.604	1.295
LINE 140			
741775.4267	1015820.263	25.666	1.117
741775.2195	1015824.425	25.422	1.13
741775.0122	1015828.586	25.422	1.084
741774.805	1015832.748	25.36	0.933
741774.5977	1015836.91	25.238	1.08
741774.3905	1015841.071	25.33	1.014
741774.1832	1015845.232	25.788	1.058
741773.7688	1015853.555	27.436	1.258
741773.5615	1015857.717	29.724	1.348
741773.3542	1015861.879	34.79	1.525
741773.147	1015866.04	46.814	1.479
741772.9398	1015870.202	80.413	1.765
741772.7325	1015874.363	71.594	1.534
741772.5253	1015878.524	50.934	1.344
741772.318	1015882.686	54.046	1.231
741772.1108	1015886.848	42.266	1.164
741771.9036	1015891.009	33.936	1.17
741771.6963	1015895.171	30.7	1.176
741771.489	1015899.332	28.962	1.262
741771.2818	1015903.493	27.314	1.102
741771.0746	1015907.655	26.276	1.027
741770.8673	1015911.817	25.696	1.006
741770.6601	1015915.978	25.086	1.093
741770.4528	1015920.14	24.658	1.049
741770.2403	1015924.825	24.78	1.111
741769.8041	1015933.167	24.262	1.177
741769.5878	1015937.509	23.834	1.293
741769.3716	1015941.852	23.346	1.012
741769.1553	1015946.194	24.476	0.898
741768.939	1015950.537	26.276	0.828
741768.5066	1015959.221	26.124	0.689
741768.2903	1015963.564	25.696	1.014
741768.074	1015967.906	25.482	1.111
741767.8578	1015972.249	25.116	0.942
741767.6415	1015976.592	24.872	1.019
741767.4252	1015980.934	25.086	1.115
741767.209	1015985.276	25.452	1.155
741766.9928	1015989.619	25.452	1.043
741766.7765	1015993.961	24.902	1.003
741766.5602	1015998.304	24.658	1.043
741766.344	1016002.646	24.598	1.03
741766.1277	1016006.989	24.628	1.08
741765.9115	1016011.331	24.354	1.168
741765.6952	1016015.673	24.262	1.089
741765.479	1016020.016	24.292	1.01
741765.2717	1016024.178	24.414	1.032
741765.0645	1016028.339	24.628	1.021
741764.8572	1016032.5	24.566	1.087
741764.65	1016036.662	24.536	1.032
741764.2355	1016044.985	24.322	0.962
741764.0282	1016049.147	23.346	0.486
741763.821	1016053.308	22.766	0.733
741763.6138	1016057.469	22.918	0.96
741763.4065	1016061.631	23.01	1.047
741763.1993	1016065.792	23.132	1.146
741762.992	1016069.954	23.132	1.15
741762.5775	1016078.277	23.04	1.144
741762.3703	1016082.439	23.254	1.091
741762.163	1016086.6	23.254	1.063
741761.9558	1016090.761	22.95	1.176
741761.7485	1016094.923	22.888	1.142
741761.5413	1016099.085	23.132	1.198
741761.3341	1016103.246	23.194	1.282
741761.1268	1016107.408	22.888	1.15
741760.9195	1016111.569	22.918	1.139
741760.7123	1016115.73	23.01	1.152
741760.5051	1016119.892	23.346	1.124
LINE 160			
741780.4803	1016120.887	24.018	1.172
741780.6876	1016116.725	23.986	1.137
741780.8948	1016112.564	23.712	1.062
741781.1021	1016108.402	23.59	1.095
741781.3093	1016104.241	23.04	1.096
741781.5165	1016100.08	22.95	1.082
741781.7238	1016095.918	23.224	1.096
741781.9311	1016091.756	23.132	1.054
741782.1383	1016087.595	22.766	1.051
741782.3455	1016083.433	22.918	1.185
741782.5528	1016079.271	23.102	1.192
741782.76	1016075.111	23.072	1.102
741782.9673	1016070.949	22.828	1.089

Site: Ice Rink
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Easting	Northing	Quadrature Response	In-Phase Response
741783.1745	1016066.787	22.736	1.198
741783.589	1016058.464	23.316	1.144
741783.7963	1016054.302	22.736	1.065
741784.0035	1016050.142	22.43	1.107
741784.2107	1016045.98	22.492	1.12
741784.418	1016041.818	23.316	1.139
741784.6252	1016037.657	24.262	1.176
741784.8325	1016033.495	24.322	0.841
741785.0397	1016029.333	23.834	1.008
741785.2469	1016025.173	23.804	1.076
741785.4542	1016021.011	23.864	1.082
741785.6705	1016016.668	23.774	1.027
741785.8867	1016012.325	23.864	1.047
741786.1029	1016007.984	24.262	1.078
741786.3192	1016003.641	24.384	1.111
741786.5355	1015999.299	24.566	1.098
741786.7517	1015994.956	24.566	1.115
741786.968	1015990.613	24.506	1.12
741787.1843	1015986.271	24.598	1.062
741787.4005	1015981.929	24.354	1.119
741787.6167	1015977.586	24.658	1.093
741787.833	1015973.244	24.81	1.091
741788.0493	1015968.901	24.78	1.005
741788.2655	1015964.559	24.872	1.06
741788.4817	1015960.217	25.238	1.034
741788.698	1015955.874	25.208	1.01
741788.9143	1015951.532	25.208	1.179
741789.1305	1015947.189	25.238	1.137
741789.3468	1015942.847	24.658	1.137
741789.5631	1015938.504	23.712	1.146
741789.7793	1015934.161	23.652	1.177
741789.9956	1015929.82	23.896	1.085
741790.2118	1015925.477	24.078	1.074
741790.4281	1015921.134	24.566	1.343
741790.6443	1015916.792	24.964	1.363
741790.8606	1015912.449	25.208	1.185
741791.0768	1015908.108	25.238	1.332
741791.2931	1015903.765	25.39	1.253
741791.5094	1015899.422	25.756	1.185
741791.7256	1015895.08	26.124	1.341
741791.9419	1015890.737	26.612	1.295
741792.1581	1015886.394	27.618	1.225
741792.3744	1015882.053	29.754	1.247
741792.5906	1015877.71	33.906	1.245
741792.8069	1015873.368	47.028	1.289
741793.0232	1015869.025	67.75	1.361
741793.2394	1015864.682	40.374	1.236
741793.4557	1015860.34	40.924	1.065
741793.6719	1015855.998	36.164	1.047
741793.8882	1015851.656	30.456	1.096
741794.1044	1015847.313	27.68	1.085
741794.3207	1015842.97	26.428	1.107
741794.537	1015838.628	25.788	1.185
741794.7532	1015834.285	25.33	1.236
741794.9694	1015829.943	25.146	1.221
741795.1857	1015825.601	25.146	1.168
741795.402	1015821.258	25.268	1.225
LINE 180			
741815.3772	1015822.253	25.452	1.062
741815.1783	1015826.248	25.634	1.082
741814.9793	1015830.243	25.512	1.117
741814.7803	1015834.238	25.208	1.098
741814.5814	1015838.233	25.146	1.063
741814.3824	1015842.228	25.208	1.034
741814.1835	1015846.223	25.422	1.1
741813.9845	1015850.218	25.422	1.12
741813.7856	1015854.213	25.848	1.142
741813.5866	1015858.208	26.246	1.06
741813.3877	1015862.203	26.398	1.012
741813.1887	1015866.199	26.612	1.014
741812.9897	1015870.194	25.91	1.073
741812.7908	1015874.189	26	1.054
741812.5918	1015878.184	26.458	1.128
741812.3929	1015882.179	26.52	1.063
741812.1939	1015886.174	26.276	1.03
741811.995	1015890.169	26.368	0.973
741811.796	1015894.164	26.246	1.028
741811.5971	1015898.159	26.246	1.109
741811.3981	1015902.154	26.246	1.056
741811.1991	1015906.149	25.91	0.999
741811.0002	1015910.144	25.146	1.089
741810.8012	1015914.139	24.932	1.209
741810.6023	1015918.134	25.116	1.119
741810.4033	1015922.129	25.024	1.012
741810.212	1015925.97	25.024	0.986
741810.0207	1015929.812	25.116	1.021
741809.8294	1015933.653	24.72	1.08
741809.6381	1015937.495	23.956	1.137
741809.4468	1015941.336	23.59	1.109
741809.2555	1015945.178	24.2	1.15
741809.0642	1015949.019	25.94	1.37
741808.8729	1015952.861	26.246	1.093
741808.6816	1015956.701	25.94	1.063
741808.4903	1015960.544	25.94	1.063
741808.299	1015964.385	25.666	1.08
741808.1077	1015968.226	25.512	1.041
741807.9164	1015972.067	25.36	1.056
741807.7251	1015975.909	25.268	1.023
741807.5338	1015979.75	24.932	0.913
741807.3425	1015983.591	24.72	1.095
741807.1512	1015987.433	24.536	1.124
741806.96	1015991.274	24.35	1.054
741806.7686	1015995.116	24.598	1.054
741806.5773	1015998.957	24.536	0.994
741806.386	1016002.798	24.262	1.051
741806.1947	1016006.639	23.986	1.137
741806.0033	1016010.482	23.956	1.1
741805.812	1016014.323	24.23	1.109
741805.6209	1016018.164	24.23	0.995
741805.4294	1016022.005	24.23	0.995
741805.2379	1016025.846	24.262	1.126
741805.0464	1016030.687	24.018	1.157

Site: Ice Rink
SEDA EBS Sites

Easting	Northing	Quadrature Response	In-Phase Response
741804.8077	1016034.49	24.2	1.03
741804.6004	1016038.652	23.926	0.858
741804.3932	1016042.813	23.438	0.975
741804.186	1016046.974	22.46	1.089
741803.9787	1016051.136	22.37	1.071
741803.7715	1016055.297	22.4	1.028
741803.5642	1016059.459	22.614	1.03
741803.357	1016063.621	22.98	1.179
741803.1498	1016067.782	23.132	1.062
741802.9425	1016071.944	23.224	1.106
741802.7352	1016076.105	22.918	1.12
741802.528	1016080.266	22.888	1.148
741802.3208	1016084.428	22.98	1.194
741801.9063	1016092.751	22.888	1.159
741801.699	1016096.913	22.918	1.102
741801.4918	1016101.074	23.438	1.135
741801.2846	1016105.235	22.918	1.157
741801.0773	1016109.397	23.864	1.106
741800.87	1016113.559	24.262	1.209
741800.6628	1016117.72	24.292	1.295
741800.4556	1016121.882	24.078	1.242
LINE 200			
741820.4308	1016122.876	24.536	1.003
741820.6381	1016118.715	25.024	1.001
741820.8453	1016114.554	24.018	1.028
741821.0525	1016110.392	24.476	1.117
741821.2598	1016106.23	24.444	1.177
741821.467	1016102.069	23.498	1.196
741821.6743	1016097.907	23.986	1.236
741821.8815	1016093.746	23.56	1.146
741822.0888	1016089.585	23.04	1.03
741822.296	1016085.423	23.62	1.073
741822.5033	1016081.261	23.62	1.277
741822.7105	1016077.1	23.406	1.258
741822.9178	1016072.938	23.498	1.243
741823.125	1016068.776	24.17	1.225
741823.3322	1016064.616	24.414	1.205
741823.5395	1016060.454	23.652	1.218
741823.7467	1016056.292	23.712	1.229
741823.954	1016052.131	23.254	1.168
741824.1612	1016047.969	22.858	1.155
741824.3685	1016043.807	23.56	1.12
741824.5757	1016039.647	22.278	1.155
741824.783	1016035.485	21.576	1.192
741824.9902	1016031.323	22.248	1.164
741825.1974	1016027.162	21.79	1.255
741825.4047	1016023	21.026	1.109
741825.612	1016018.838	20.996	1.069
741825.8192	1016014.678	21.21	1.087
741826.0264	1016010.516	21.362	1.027
741826.2337	1016006.354	21.302	1.106
741826.4409	1016002.193	21.514	1.131
741826.6482	1015998.031	21.392	1.073
741826.8554	1015993.869	21.546	1.172
741827.0626	1015989.708	21.606	1.185
741827.2699	1015985.547	21.698	1.089
741827.4772	1015981.385	22.094	1.159
741827.6844	1015977.224	22.308	1.245
741827.8916	1015973.062	23.284	1.1
741828.0989	1015968.9	24.108	1.032
741828.3061	1015964.739	21.454	0.674
741828.5134	1015960.578	23.194	1.049
741828.7206	1015956.416	24.658	1.26
741828.9278	1015952.255	23.986	1.122
741829.1351	1015948.093	23.742	1.047
741829.3424	1015943.931	24.292	1.12
741829.5496	1015939.77	24.81	1.218
741829.7568	1015935.609	25.146	1.35
741829.9641	1015931.447	25.696	1.256
741830.1713	1015927.286	25.91	1.334
741830.3786	1015923.124	26.398	1.232
741830.5948	1015918.971	26.428	1.146
741830.8111	1015914.839	26.428	1.067
741831.0273	1015910.097	26.458	1.089
741831.2436	1015905.755	26.856	1.131
741831.4598	1015901.412	26.734	1.199
741831.6761	1015897.069	26.764	1.1
741831.8924	1015892.727	26.764	1.089
741832.1086	1015888.384	26.58	1.023
741832.3249	1015884.042	26.734	1.126
741832.5411	1015879.7	26.398	1.205
741832.7574	1015875.357	26.428	1.161
741832.9736	1015871.015	26.368	1.153
741833.1899	1015866.672	26.52	1.142
741833.4062	1015862.329	26.978	1.15
741833.6224	1015857.988	26.824	1.109
741833.8387	1015853.645	26.276	0.913
741834.0549	1015849.302	25.482	0.986
741834.2712	1015844.96	25.512	1.192
741834.4874	1015840.617	25.756	1.163
741834.7037	1015836.275	25.726	1.069
741834.9199	1015831.933	25.696	1.124
741835.1362	1015827.59	25.756	1.085
741835.3525	1015823.248	26.154	1.104
LINE 220			
741855.3277	1015824.243	26.52	1.398
741855.1016	1015828.782	26.49	1.442
741854.8755	1015833.322	26.52	1.4
741854.6495	1015837.862	26.824	1.385
741854.4233	1015842.402	27.558	1.446
741854.1973	1015846.941	28.748	1.664
741853.9712	1015851.482	30.64	1.898
741853.7451	1015856.021	33.752	2.568
741853.519	1015860.562	32.868	0.92
741853.2929	1015865.101	27.71	-1.262
741853.0668	1015869.641	33.448	1.433
741852.8408	1015874.181	33.722	2.675
741852.6147	1015878.72	28.87	0.96

Site: Ice Rink
SEDA EBS Sites

Easting	Northing	Quadrature Response	In-Phase Response
741852.3886	1015883.26	24.108	-1.139
741852.1625	1015887.8	19.744	-2.081
741851.9364	1015892.34	18.31	-1.833
741851.7103	1015896.88	18.554	-1.802
741851.2582	1015905.959	18.036	-1.898
741851.0321	1015910.5	19.744	-1.635
741850.806	1015915.039	23.376	-1.166
741850.5799	1015919.579	27.68	0.624
741850.3538	1015924.119	30.334	1.582
741850.1549	1015928.114	31.678	2.015
741849.9559	1015932.109	32.348	2.276
741849.757	1015936.104	32.074	2.395
741849.558	1015940.099	31.25	1.927
741849.1601	1015948.089	29.908	1.1
741848.9611	1015952.084	29.908	1.089
741848.7622	1015956.079	29.846	1.346
741848.5632	1015960.074	29.296	1.315
741848.3643	1015964.069	28.84	1.277
741848.1653	1015968.064	28.26	1.225
741847.9664	1015972.059	28.016	1.363
741847.7674	1015976.054	27.924	1.372
741847.5684	1015980.049	27.924	1.277
741847.3695	1015984.044	27.526	1.278
741847.1705	1015988.04	26.856	1.131
741846.9716	1015992.035	26.092	1.115
741846.7726	1015996.03	25.878	1.106
741846.5737	1016000.02	24.566	1.005
741846.3747	1016004.015	24.322	1.113
741846.1758	1016008.01	24.17	1.096
741845.9768	1016012.005	24.444	1.3
741845.7778	1016016.005	24.81	1.107
741845.5788	1016020.005	24.598	1.324
741845.3799	1016024.005	23.194	1.444
741845.1809	1016028.005	22.614	1.308
741844.9819	1016032.005	22.766	1.304
741844.7829	1016036.005	23.254	1.265
741844.5839	1016040.005	23.804	1.166
741844.3849	1016044.005	23.986	1.179
741844.1859	1016048.005	23.804	1.236
741843.9869	1016052.005	23.742	1.157
741843.7879	1016056.005	23.224	0.898
741843.5889	1016060.005	23.376	1.041
741843.3899	1016064.005	23.376	1.223
741843.1909	1016068.005	23.284	1.288
741842.9919	1016072.005	23.04	1.28
741842.7929	1016076.005	22.828	1.346
741842.5939	1016080.005	23.102	1.183
741842.3949	1016084.005	23.376	1.324
741842.1959	1016088.005	23.682	1.385
741841.9969	1016092.005	23.59	1.468
741841.7979	1016096.005	23.59	1.372
741841.5989	1016100.005	24.292	1.186
741841.3999	1016104.005	24.444	1.218
741841.2009	1016108.005	24.23	1.172
741841.0019	1016112.005	23.712	1.277
741840.8029	1016116.005	24.078	1.289
741840.6039	1016120.005	24.17	1.245
741840.4049	1016124.005	24.384	1.328
741840.2059	1016128.005	24.476	1.339
741840.0069	1016132.005	24.292	1.13
741839.8079	1016136.005	24.262	0.938
741839.6089	1016140.005	24.322	1.142
741839.4099	1016144.005	24.566	1.337
741839.2109	1016148.005	24.354	1.291
741839.0119	1016152.005	24.414	1.282
741838.8129	1016156.005	24.628	1.453
741838.6139	1016160.005	24.506	1.411
741838.4149	1016164.005	24.292	1.286
741838.2159	1016168.005	24.262	1.212
741838.0169	1016172.005	24.292	1.295
741837.8179	1016176.005	23.926	1.334
741837.6189	1016180.005	23.652	1.255
741837.4199	1016184.005	23.59	1.164
741837.2209	1016188.005	23.742	1.102
741837.0219	1016192.005	24.384	1.381
741836.8229	1016196.005	25.054	1.466
741836.6239	1016200.005	26.398	1.515
741836.4249	1016204.005	29.938	2.1
741836.2259	1016208.005	40.924	5.83
741836.0269	1016212.005	68.97	14.041
741835.8279	1016216.005	169.006	33.676
741835.6289	1016220.005	238.738	33.676
741835.4299	1016224.005	289.428	33.68
741835.2309	1016228.005	302.276	33.678
741835.0319	1016232.005	277.1	33.676
741834.8329	1016236.005	246.704	33.676
741834.6339	1016240.005	289.948	33.68
741834.4349	1016244.005	301.972	33.678
741834.2359	1016248.005	302.308	33.676
741834.0369	1016252.005	302.704	33.673
741833.8379	1016256.005	303.254	33.676
741833.6389	1016260.005	286.622	33.678
741833.4399	1016264.005	208.832	33.678
741833.2409	1016268.005	210.938	33.676
741833.0419	1016272.005	195.892	33.678
741832.8429	1016276.005	175.72	33.68
741832.6439	1016280.005	167.51	33.676
741832.4449	1016284.005	185.394	33.678
741832.2459	1016288.005	165.04	33.678
741832.0469	1016292.005	173.31	33.671
741831.8479	1016296.005	154.694	26.641
741831.6489	1016300.005	160.888	30.299
741831.4499	1016304.005	150.024	25.862
741831.2509	1016308.005	89.08	8.02
741831.0519	1016312.005	64.91	4.911
741830.8529	1016316.005	49.682	4.503
741830.6539	1016320.005	35.92	0.183

Site: Ice Rink
SEDA EBS Sites

Easting	Northing	Quadrature Response	In-Phase Response
741873.4522	1015862.4	26.154	-2.011
741873.6835	1015857.755	17.456	-3.006
741873.9149	1015853.11	9.49	-5.953
741874.1462	1015848.465	-5.432	-19.524
741874.3776	1015843.819	-12.97	-18.153
741874.6089	1015839.173	-4.944	-5.324
741874.8403	1015834.528	5.126	1.953
741875.0716	1015829.883	7.294	1.587
741875.3029	1015825.237	10.59	1.001

Site: SEAD-123F

SEDA EBS Sites

	Eastings	Northing	Quadrature Response	In-Phase Response
LINE 0				
	740206.1	1015640.6	19.406	8.492
	740205.9552	1015644.764	103.852	7.41
	740205.8103	1015648.928	105.408	8.38
	740205.6655	1015653.092	105.224	9.959
	740205.5207	1015657.257	108.552	8.005
	740205.3758	1015661.42	114.074	9.826
	740205.231	1015665.585	144.5	19.737
	740205.0862	1015669.749	158.326	23.392
	740204.9413	1015673.913	197.602	33.612
	740204.7965	1015678.077	212.31	33.744
	740204.6517	1015682.242	184.876	32.987
	740204.5068	1015686.405	192.26	33.744
	740204.362	1015690.57	199.158	33.746
	740204.2172	1015694.734	239.014	33.746
	740204.0723	1015698.898	242.34	33.744
	740203.9275	1015703.062	205.78	32.17
	740203.7827	1015707.227	179.108	23.57
	740203.6378	1015711.39	218.414	33.744
	740203.493	1015715.555	251.678	33.744
	740203.3482	1015719.719	194.092	33.744
	740203.2033	1015723.883	244.904	33.744
	740202.9137	1015732.212	257.904	33.744
	740202.7688	1015736.375	224.396	33.746
	740202.624	1015740.54	234.162	33.742
	740202.466	1015745.082	244.294	33.742
	740202.308	1015749.625	209.93	28.046
	740202.15	1015754.167	185.15	22.304
	740201.992	1015758.711	198.638	26.315
	740201.834	1015763.253	252.9	33.744
	740201.676	1015767.796	239.44	33.744
	740201.518	1015772.338	165.496	33.746
	740201.202	1015781.424	97.87	1.343
	740201.044	1015785.967	172.546	4.97
	740200.886	1015790.509	197.114	16.52
	740200.728	1015795.052	176.484	15.577
	740200.57	1015799.595	135.132	10.721
	740200.412	1015804.137	166.596	19.708
	740200.254	1015808.68	179.87	20.575
	740200.096	1015813.223	200.928	29.834
	740199.938	1015817.766	235.626	33.744
	740199.78	1015822.308	237.732	32.173
	740199.622	1015826.851	250.396	30.823
	740199.464	1015831.394	234.284	28.528
	740199.306	1015835.937	246.49	33.744
	740199.148	1015840.479	203.156	25.744
	740198.99	1015845.021	181.182	27.569
	740198.832	1015849.565	162.812	23.613
	740198.674	1015854.107	158.448	22.609
	740198.516	1015858.65	146.332	17.837
	740198.358	1015863.192	143.218	15.046
	740198.2	1015867.736	146.668	18.58
	740198.042	1015872.278	146.088	16.968
	740197.884	1015876.821	123.382	11.456
	740197.726	1015881.363	102.294	7.726
	740197.568	1015885.907	96.192	6.504
	740197.41	1015890.449	92.956	6.734
	740197.252	1015894.991	108.428	11.675
	740197.094	1015899.534	122.528	15.09
	740196.936	1015904.077	130.34	7.544
	740196.778	1015908.62	117.432	7.127
	740196.62	1015913.162	129.486	12.094
	740196.462	1015917.705	121.094	13.486
	740196.304	1015922.248	120.85	12.209
	740196.146	1015926.791	130.004	15.702
	740195.988	1015931.333	125.854	13.925
	740195.83	1015935.876	113.708	12.715
	740195.672	1015940.419	101.47	11.373
	740195.514	1015944.962	93.14	7.899
	740195.356	1015954.696	92.194	8.288
	740195.198	1015959.43	80.474	6.649
	740195.04	1015964.164	77.728	5.901
	740194.882	1015968.898	82.856	7.656
	740194.724	1015973.632	80.658	7.202
	740194.566	1015978.366	71.656	5.786
	740194.408	1015983.1	66.498	5.13
	740194.25	1015987.834	65.978	5.177
	740194.092	1015992.568	64.698	5.391
	740193.934	1015997.302	64.056	4.876
	740193.776	1016002.036	71.198	5.659
	740193.618	1016006.77	78.124	6.469
	740193.46	1016011.504	82.642	7.055
	740193.302	1016016.238	82.154	6.842
	740193.144	1016021.0	83.19	6.765
	740192.986	1016025.734	82.214	7.364
	740192.828	1016030.468	88.074	8.011
	740192.67	1016040.202		
LINE 20				
	740212.1839	1016041.053	47.364	2.094
	740212.3495	1016036.294	44.28	1.763
	740212.515	1016031.535	39.978	1.433
	740212.6805	1016026.776	36.346	1.164
	740212.846	1016022.017	35.096	1.122
	740213.0116	1016017.258	33.722	0.667
	740213.1771	1016012.5	32.41	0.606
	740213.3426	1016007.741	32.104	0.749
	740213.5081	1016002.981	31.342	0.804
	740213.6736	1015998.222	31.036	0.655
	740213.8392	1015993.463	30.152	0.415
	740214.0047	1015988.704	30.456	0.387
	740214.1702	1015983.945	29.998	0.532
	740214.3357	1015979.186	29.816	0.663
	740214.5013	1015974.427	30.242	0.571

Site: SEAD-123F

SEDA EBS Sites

Eastings	Northing	Quadrature Response	In-Phase Response
740214.8323	1015964.91	30.03	0.49
740214.9978	1015960.15	29.754	0.417
740215.1633	1015955.391	29.296	0.24
740215.3289	1015950.632	28.87	0.396
740215.4944	1015945.873	28.992	0.4
740215.6599	1015941.114	28.656	0.255
740215.8255	1015936.355	28.594	0.24
740215.991	1015931.596	28.594	0.251
740216.322	1015922.077	28.962	0.209
740216.4876	1015917.318	29.114	0.222
740216.6531	1015912.56	28.84	0.453
740216.8186	1015907.801	28.84	0.422
740216.9841	1015903.042	28.9	0.42
740217.1496	1015898.283	29.144	0.474
740217.3152	1015893.524	29.084	0.453
740217.4807	1015888.765	29.266	0.409
740217.6462	1015884.005	28.87	0.134
740217.8117	1015879.246	28.686	0.135
740217.9773	1015874.487	29.388	0.27
740218.1428	1015869.728	30.12	0.235
740218.3083	1015864.97	30.334	0.251
740218.4738	1015860.211	31.524	0.266
740218.6393	1015855.452	30.944	0.417
740218.8049	1015850.693	29.51	0.262
740218.9704	1015845.933	29.542	0.071
740219.1359	1015841.174	29.266	0.066
740219.2939	1015836.632	28.93	0.011
740219.4519	1015832.089	28.442	0.099
740219.6099	1015827.547	28.076	0.036
740219.7679	1015823.003	27.618	-0.077
740219.9259	1015818.461	27.436	-0.082
740220.0839	1015813.918	26.856	-0.045
740220.2419	1015809.376	26.368	-0.121
740220.5579	1015800.29	26.612	-0.2
740220.7159	1015795.747	26.612	-0.034
740220.8739	1015791.205	26.642	0.121
740221.0319	1015786.662	26.856	0.174
740221.1899	1015782.119	27.008	-0.211
740221.3479	1015777.577	27.07	-0.053
740221.5059	1015773.034	27.282	0.174
740221.6639	1015768.491	27.436	0.056
740221.8219	1015763.948	27.374	0.055
740221.9799	1015759.406	27.404	0.075
740222.1379	1015754.863	27.77	0.18
740222.2959	1015750.32	27.984	0.154
740222.4539	1015745.777	28.046	0.281
740222.6119	1015741.235	28.046	0.248
740222.9595	1015731.241	27.862	0.615
740223.1333	1015726.244	28.35	0.745
740223.3071	1015721.247	28.686	0.319
740223.4809	1015716.25	28.382	0.297
740223.6547	1015711.253	27.618	0.251
740223.8285	1015706.256	27.558	0.095
740224.0023	1015701.259	27.984	0.161
740224.1761	1015696.262	28.046	0.374
740224.3499	1015691.265	27.984	0.374
740224.5237	1015686.268	27.618	0.056
740224.6975	1015681.271	27.984	-0.167
740224.8713	1015676.274	27.71	-0.069
740225.0451	1015671.277	27.74	0.012
740225.2189	1015666.28	27.68	0.051
740225.3927	1015661.283	27.466	-0.152
740225.5665	1015656.286	27.74	-0.145
740225.9141	1015646.292	27.07	-0.477
740226.0879	1015641.295	26.916	-0.275
LINE 40			
740246.0758	1015641.99	25.33	-0.509
740245.9247	1015646.336	25.36	-0.433
740245.7736	1015650.681	24.72	-0.391
740245.6225	1015655.026	24.536	-0.514
740245.4713	1015659.371	24.048	-0.661
740245.3202	1015663.716	24.14	-0.505
740245.169	1015668.062	24.048	-0.676
740245.0179	1015672.407	23.986	-0.705
740244.8668	1015676.752	23.926	-0.554
740244.7157	1015681.097	23.926	-0.67
740244.5645	1015685.442	23.896	-0.716
740244.4134	1015689.787	23.896	-0.639
740244.2623	1015694.133	23.468	-0.507
740244.1111	1015698.478	23.254	-0.758
740243.96	1015702.824	23.406	-0.81
740243.8089	1015707.168	23.56	-0.659
740243.6578	1015711.513	23.438	-0.65
740243.5066	1015715.859	23.438	-0.486
740243.3555	1015720.204	23.346	-0.525
740243.2043	1015724.549	23.102	-0.681
740243.0532	1015728.895	22.95	-0.657
740242.9021	1015733.239	22.584	-0.918
740242.7509	1015741.93	21.972	-0.771
740242.5998	1015746.689	21.972	-0.532
740242.4486	1015751.448	22.492	-0.608
740242.2975	1015756.207	22.522	-0.571
740242.1464	1015760.966	22.492	-0.551
740241.9953	1015765.726	22.522	-0.667
740241.8442	1015770.484	22.522	-0.942
740241.6931	1015775.243	22.46	-1.052
740241.542	1015784.761	22.644	-0.83
740240.991	1015789.52	22.584	-0.859
740240.74	1015794.279	22.492	-0.863
740240.489	1015799.038	22.43	-0.784
740240.238	1015803.798	22.278	-0.812
740240.087	1015808.557	22.278	-0.87

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SEDA EBS Sites

Easting	Northing	Quadrature	In-Phase
		Response	Response
740240.117	1015813.316	22.43	-0.791
740239.9515	1015818.074	22.278	-0.617
740239.7859	1015822.833	22.186	-0.744
740239.6204	1015827.592	22.46	-0.633
740239.4549	1015832.351	22.584	-0.518
740239.2894	1015837.11	22.492	-0.556
740239.1238	1015841.87	22.766	-0.681
740238.9583	1015846.629	23.102	-0.406
740238.7928	1015851.388	23.284	-0.424
740238.6273	1015856.147	23.652	-0.297
740238.4617	1015860.906	23.59	-0.327
740238.2962	1015865.665	23.926	-0.519
740238.1307	1015870.423	24.14	-0.569
740237.9652	1015875.182	24.262	-0.49
740237.7997	1015879.942	24.354	-0.433
740237.6341	1015884.701	24.688	-0.301
740237.4686	1015889.46	25.33	-0.266
740237.3031	1015894.219	25.36	-0.395
740237.1375	1015898.978	25.176	-0.589
740236.972	1015903.737	25.238	-0.834
740236.8065	1015908.496	24.994	-0.712
740236.641	1015913.255	24.964	-0.494
740236.4755	1015918.013	24.444	-0.723
740236.3099	1015922.773	24.078	-0.824
740236.1444	1015927.532	24.23	-0.602
740235.9789	1015932.291	24.444	-0.613
740235.8134	1015937.05	24.476	-0.622
740235.6478	1015941.809	24.476	-0.569
740235.474	1015946.806	24.384	-0.608
740235.3002	1015951.803	24.414	-0.725
740235.1264	1015956.8	24.384	-0.687
740234.9526	1015961.797	24.354	-0.602
740234.7788	1015966.794	24.506	-0.685
740234.605	1015971.788	24.964	-0.657
740234.4312	1015981.785	24.932	-0.639
740234.2574	1015986.782	24.75	-0.466
740234.0836	1015991.779	24.75	-0.56
740233.9098	1015996.776	24.688	-0.622
740233.736	1016001.773	24.598	-0.711
740233.5622	1016006.77	24.658	-0.547
740233.3884	1016011.767	24.628	-0.531
740233.2146	1016016.764	25.086	-0.586
740233.0408	1016021.761	25.666	-0.523
740232.867	1016026.758	25.818	-0.562
740232.6932	1016031.755	26.336	-0.369
740232.5194	1016036.752	27.374	-0.121
740232.3456	1016041.749	28.87	0.157
740232.1718			
LINE 60			
740252.1598	1016042.444	30.334	-0.45
740252.4758	1016033.358	28.32	-0.448
740252.6337	1016028.816	26.428	-0.457
740252.7918	1016024.273	25.634	-0.474
740253.1078	1016015.187	24.75	-0.556
740253.2658	1016010.645	24.384	-0.927
740253.4238	1016006.102	24.018	-0.874
740253.5818	1016001.56	23.804	-0.78
740253.7398	1015997.016	23.438	-0.916
740253.8978	1015992.474	23.162	-0.61
740254.0557	1015987.932	22.858	-0.791
740254.2138	1015983.389	22.522	-0.946
740254.3717	1015978.846	22.308	-0.795
740254.5298	1015974.303	21.942	-0.711
740254.6877	1015969.761	21.972	-0.876
740254.8458	1015965.218	22.338	-0.951
740255.0037	1015960.675	22.552	-0.889
740255.1618	1015956.132	22.766	-0.621
740255.3198	1015951.59	22.828	-0.845
740255.4778	1015947.047	22.918	-0.887
740255.6358	1015942.504	22.796	-0.938
740255.7938	1015937.961	22.98	-0.69
740255.9518	1015933.419	22.98	-0.655
740256.1097	1015928.877	23.132	-0.711
740256.2678	1015924.333	23.406	-0.9
740256.4257	1015919.791	23.438	-0.63
740256.5838	1015915.248	22.796	-0.839
740256.7418	1015906.162	22.828	-0.903
740257.0577	1015901.62	22.584	-0.874
740257.2158	1015897.077	22.278	-0.986
740257.3738	1015892.535	22.186	-0.878
740257.5317	1015887.992	21.972	-0.927
740257.6898	1015883.449	21.882	-0.352
740257.8477	1015878.907	21.972	-0.424
740258.0058	1015874.364	21.82	-1.082
740258.1637	1015869.821	21.698	-1.225
740258.3218	1015865.278	21.698	-1.089
740258.4797	1015860.736	21.668	-1.014
740258.6378	1015856.192	21.514	-0.955
740258.7957	1015851.65	21.088	-1.01
740258.9538	1015847.107	21.302	-1.045
740259.1118	1015842.565	21.576	-1.071
740259.2773	1015837.806	21.514	-1.054
740259.4428	1015833.046	21.728	-0.771
740259.6083	1015828.287	21.668	-0.731
740259.7739	1015823.528	21.576	-0.905
740259.9394	1015818.769	21.636	-0.854
740260.1049	1015814.011	21.82	-1.122
740260.2704	1015809.252	21.912	-0.929
740260.4359	1015804.493	21.912	-0.795
740260.6015	1015799.734	22.156	-0.911
740260.767	1015794.975	22.126	-1.146
740260.9325	1015785.456	22.186	-0.817
740261.098	1015780.697		
740261.2636			

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SEDA EBS Sites

Eastings	Northing	Quadrature Response	In-Phase Response
740261.4291	1015775.938	22.216	-1.153
740261.5946	1015771.179	22.338	-0.915
740261.7601	1015766.421	22.37	-0.874
740261.9256	1015761.662	22.522	-1.069
740262.0912	1015756.903	22.552	-0.949
740262.2567	1015752.143	22.522	-0.633
740262.4222	1015747.384	22.46	-0.674
740262.5877	1015742.625	22.43	-0.712
740262.7533	1015737.866	22.338	-0.821
740262.9188	1015733.107	22.186	-0.444
740263.0843	1015728.348	22.156	-0.569
740263.2499	1015723.589	22.216	-0.758
740263.4154	1015718.83	22.004	-0.661
740263.5809	1015714.071	21.76	-0.637
740263.7464	1015709.312	21.942	-0.6
740263.9119	1015704.553	22.004	-0.885
740264.0775	1015699.794	22.126	-1.085
740264.243	1015695.035	22.248	-0.736
740264.4085	1015690.276	22.37	-0.299
740264.574	1015685.517	22.43	-0.477
740264.7396	1015680.758	22.552	-0.913
740264.9051	1015675.998	22.614	-0.946
740265.0706	1015671.239	22.644	-0.964
740265.2361	1015666.481	22.552	-0.758
740265.4016	1015661.722	22.584	-1.01
740265.5672	1015656.963	22.888	-1.354
740265.7327	1015652.204	23.406	-0.933
740265.8982	1015647.445	23.774	-0.898
740266.0637	1015642.686	24.018	-0.823
LINE 80			
740286.0517	1015643.381	23.956	-1.093
740285.9005	1015647.726	23.896	-1.076
740285.7494	1015652.072	23.59	-1.236
740285.5983	1015656.416	23.53	-1.159
740285.4471	1015660.761	23.346	-1.126
740285.296	1015665.107	23.102	-1.458
740285.1449	1015669.452	22.918	-1.361
740284.9937	1015673.797	22.674	-1.216
740284.8426	1015678.143	22.278	-1.111
740284.6915	1015682.487	21.942	-1.016
740284.5404	1015686.833	21.79	-1.091
740284.3892	1015691.178	21.698	-1.155
740284.2381	1015695.523	21.82	-1.148
740284.087	1015699.869	21.728	-1.065
740283.9358	1015704.214	21.76	-1.31
740283.7847	1015708.558	21.728	-1.251
740283.6336	1015712.904	22.094	-1.153
740283.4824	1015717.249	22.308	-1.15
740283.3313	1015721.595	22.004	-1.282
740283.029	1015730.285	21.698	-1.422
740282.8779	1015734.63	21.484	-1.076
740282.7268	1015743.32	20.996	-1.181
740282.5757	1015747.666	20.996	-1.084
740282.4245	1015752.011	21.026	-1.01
740282.2734	1015756.355	21.454	-1.19
740282.1223	1015760.701	21.484	-1.146
740281.9711	1015765.046	21.606	-1.313
740281.82	1015769.392	21.302	-1.063
740281.6689	1015773.737	21.21	-0.964
740281.5177	1015778.082	21.148	-1.22
740281.3666	1015782.427	20.996	-1.379
740281.2155	1015786.772	20.782	-1.335
740281.0644	1015791.117	20.66	-1.249
740280.9132	1015795.463	20.6	-1.198
740280.7621	1015799.808	20.69	-1.326
740280.611	1015808.498	20.538	-1.245
740280.3087	1015812.843	20.69	-1.157
740280.1576	1015817.189	20.722	-1.096
740280.0064	1015821.534	21.026	-1.021
740279.8553	1015825.879	21.118	-1.047
740279.7042	1015830.225	21.24	-1.056
740279.553	1015834.569	21.088	-1.01
740279.4019	1015838.915	20.996	-1.172
740279.2508	1015843.26	21.058	-1.028
740279.0997	1015848.019	21.148	-1.172
740278.9341	1015852.778	21.332	-1.051
740278.7686	1015857.537	21.362	-0.975
740278.6031	1015862.296	21.24	-0.898
740278.4376	1015867.056	21.21	-0.931
740278.272	1015871.814	21.148	-0.994
740278.1065	1015876.573	21.118	-0.85
740277.941	1015881.332	21.118	-0.714
740277.7755	1015886.091	21.302	-0.758
740277.61	1015890.85	21.728	-0.791
740277.4444	1015895.609	22.064	-0.768
740277.2789	1015900.368	22.338	-0.749
740277.1134	1015905.128	22.584	-0.839
740276.9478	1015909.887	22.706	-0.887
740276.7823	1015914.646	22.766	-0.903
740276.6168	1015919.404	23.01	-0.834
740276.4513	1015924.163	22.95	-0.817
740276.2858	1015928.922	22.796	-1.08
740276.1202	1015933.681	22.766	-1.262
740275.9547	1015938.44	22.706	-1.146
740275.7892	1015943.2	22.492	-1.166
740275.6237	1015947.959	22.522	-1.03
740275.4581	1015952.718	22.4	-0.915
740275.2926	1015957.477	22.156	-0.962
740275.1271	1015962.236	21.82	-1.036
740274.9616	1015966.995	21.668	-1.113
740274.796	1015971.753	21.424	-1.12
740274.6305	1015981.271	21.484	-0.619

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SEDA EBS Sites

Eastings	Northing	Quadrature Response	In-Phase Response
740274.134	1015986.031	21.76	-0.848
740273.9684	1015990.79	21.972	-1.381
740273.8029	1015995.549	21.76	-1.155
740273.4719	1016005.067	21.942	-0.994
740273.3063	1016009.826	22.064	-0.99
740273.1408	1016014.585	22.094	-0.891
740272.9753	1016019.343	22.37	-1.032
740272.8098	1016024.103	22.766	-1.028
740272.6443	1016028.862	23.04	-0.775
740272.4787	1016033.621	23.102	-0.788
740272.3132	1016038.38	23.468	-0.758
740272.1477	1016043.139	24.994	-0.705
LINE 100			
740292.1356	1016043.834	26.092	-0.632
740292.2936	1016039.292	25.878	-0.674
740292.4516	1016034.749	25.176	-0.716
740292.6096	1016030.207	23.926	-0.826
740292.7676	1016025.663	23.406	-1.051
740292.9256	1016021.121	23.162	-1.177
740293.0836	1016016.578	22.828	-1.201
740293.2416	1016012.035	23.01	-0.968
740293.3996	1016007.492	22.614	-1.049
740293.5576	1016002.95	22.156	-1.218
740293.7156	1015998.407	22.126	-1.306
740294.0316	1015989.322	22.064	-1.19
740294.1896	1015984.779	22.094	-1.062
740294.3476	1015980.237	21.79	-1.177
740294.5056	1015975.693	21.972	-1.24
740294.6636	1015971.151	22.156	-1.367
740294.8216	1015966.608	22.338	-1.403
740294.9796	1015962.066	22.248	-0.905
740295.2956	1015952.98	22.094	-1.034
740295.4536	1015948.437	21.85	-1.326
740295.6116	1015943.895	21.576	-1.074
740295.7696	1015939.352	21.606	-1.113
740295.9276	1015934.809	21.698	-1.223
740296.0856	1015930.267	22.004	-1.109
740296.2436	1015925.724	22.43	-1.133
740296.4016	1015921.181	22.46	-1.394
740296.5596	1015916.638	22.644	-1.306
740296.7176	1015912.096	22.46	-1.08
740296.8756	1015907.553	22.094	-1.273
740297.0336	1015903.01	21.942	-1.161
740297.1916	1015898.467	22.278	-1.124
740297.3496	1015893.925	22.004	-1.1
740297.5076	1015889.383	21.76	-1.37
740297.6656	1015884.839	21.484	-1.299
740297.8236	1015880.297	21.302	-1.21
740297.9816	1015875.754	21.27	-1.139
740298.1396	1015871.212	20.904	-1.306
740298.2976	1015866.668	20.69	-1.232
740298.4556	1015862.126	20.568	-1.139
740298.6136	1015857.583	20.416	-1.128
740298.7716	1015853.041	20.478	-1.198
740298.9296	1015848.497	20.446	-1.192
740299.0876	1015843.955	20.478	-1.288
740299.2456	1015839.413	20.782	-1.045
740299.4036	1015834.871	20.782	-0.999
740299.5616	1015829.329	20.63	-1.01
740299.7196	1015824.787	20.936	-1.13
740299.8776	1015820.245	21.27	-1.148
740300.0356	1015815.703	21.24	-1.058
740300.1936	1015811.161	21.546	-1.407
740300.3516	1015806.619	21.76	-1.098
740300.5096	1015802.077	22.004	-0.852
740300.6676	1015797.535	22.37	-0.808
740300.8256	1015792.993	22.156	-0.823
740301.0836	1015788.451	22.46	-1.144
740301.2416	1015783.909	22.888	-1.069
740301.3996	1015779.367	22.766	-0.949
740301.5576	1015774.825	22.644	-0.709
740301.7156	1015770.283	22.584	-0.668
740301.8736	1015765.741	22.828	-0.962
740302.0316	1015758.293	22.95	-1.508
740302.1896	1015753.751	22.98	-1.176
740302.3476	1015748.209	22.98	-1.262
740302.5056	1015744.667	22.888	-1.096
740302.6636	1015740.125	22.552	-1.093
740302.8216	1015735.583	22.46	-0.977
740302.9796	1015729.738	22.278	-1.199
740303.1376	1015724.979	22.126	-1.267
740303.2956	1015720.22	21.85	-1.227
740303.4536	1015715.462	21.82	-1.08
740303.6116	1015710.703	22.126	-1.001
740303.7696	1015705.944	22.248	-1.027
740304.0276	1015701.184	22.126	-1.115
740304.1856	1015696.425	22.126	-1.115
740304.3436	1015691.666	22.034	-1.196
740304.5016	1015686.907	22.094	-1.19
740304.6596	1015682.148	22.308	-1.26
740304.8176	1015677.389	22.522	-1.174
740305.0756	1015672.63	22.644	-1.152
740305.2336	1015667.872	22.706	-1.017
740305.3916	1015663.112	22.766	-1.082
740305.5496	1015658.353	22.98	-1.424
740305.7076	1015653.594	23.04	-1.379
LINE 120			
740326.0275	1015644.771	24.414	-1.28
740325.8884	1015648.769	24.354	-1.256
740325.7494	1015652.766	24.048	-1.225
740325.6104	1015656.764	23.254	-1.234
740325.4713	1015660.762	23.04	-1.212

Site: SEAD-123F

SEDA EBS Sites

Easting	Northing	Quadrature Response	In-Phase Response
740325.3323	1015664.759	23.102	-1.236
740325.1932	1015668.757	23.224	-1.109
740325.0542	1015672.754	23.132	-1.15
740324.9152	1015676.752	22.98	-1.24
740324.7761	1015680.749	22.828	-1.203
740324.6371	1015684.747	22.918	-1.196
740324.498	1015688.745	22.888	-1.19
740324.359	1015692.742	22.736	-1.073
740324.22	1015696.74	22.584	-1.005
740324.0809	1015700.737	22.522	-1.03
740323.9419	1015704.735	22.766	-1.188
740323.6638	1015712.73	22.552	-1.242
740323.5248	1015716.728	22.674	-1.236
740323.3857	1015720.725	22.46	-1.247
740323.2467	1015724.723	22.4	-1.177
740323.1076	1015728.72	22.522	-1.098
740322.9686	1015732.718	22.796	-1.166
740322.8296	1015736.716	22.858	-1.17
740322.6905	1015740.713	22.888	-1.227
740322.5515	1015744.711	22.95	-1.289
740322.4066	1015748.709	23.132	-1.302
740322.2618	1015753.039	23.224	-1.238
740322.117	1015757.203	23.162	-1.21
740321.9721	1015761.368	23.316	-1.313
740321.8273	1015765.531	23.284	-1.251
740321.6825	1015769.696	23.162	-1.251
740321.3928	1015778.024	22.338	-1.321
740321.248	1015782.188	21.912	-1.359
740321.1031	1015786.353	21.698	-1.295
740320.9583	1015790.516	21.514	-1.236
740320.8135	1015794.681	21.576	-1.168
740320.6686	1015798.845	21.484	-1.06
740320.5238	1015803.009	21.332	-1.141
740320.379	1015807.173	21.302	-1.179
740320.2341	1015811.337	21.362	-1.253
740320.0893	1015815.501	21.484	-1.282
740319.9445	1015819.665	21.546	-1.111
740319.7996	1015823.83	21.76	-1.172
740319.6548	1015827.993	21.972	-1.223
740319.51	1015832.158	22.004	-1.209
740319.3651	1015836.322	22.004	-1.214
740319.2203	1015840.486	22.004	-1.277
740319.0755	1015844.65	22.216	-1.159
740318.9244	1015848.996	22.37	-0.946
740318.7732	1015853.341	22.37	-0.975
740318.6221	1015857.685	22.156	-1.089
740318.471	1015862.031	22.064	-1.074
740318.3198	1015866.376	22.186	-1.159
740318.1687	1015870.722	22.308	-1.166
740318.0176	1015875.067	22.308	-1.24
740317.8664	1015879.412	22.094	-1.13
740317.7153	1015883.757	22.034	-1.196
740317.5642	1015888.102	22.216	-1.186
740317.4131	1015892.447	22.522	-1.139
740317.2619	1015896.793	22.614	-1.06
740317.1108	1015901.138	22.828	-0.986
740316.9597	1015905.484	22.766	-1.115
740316.8086	1015909.828	22.95	-1.135
740316.6574	1015914.173	23.01	-1.194
740316.5063	1015918.519	23.162	-1.183
740316.3551	1015922.864	23.346	-1.188
740316.204	1015927.209	23.04	-1.126
740316.0529	1015931.555	22.95	-1.223
740315.9018	1015935.899	23.01	-1.209
740315.7506	1015940.245	22.95	-1.19
740315.5995	1015944.59	22.888	-1.209
740315.4415	1015949.132	23.102	-1.243
740315.2835	1015953.675	23.194	-1.19
740315.1255	1015958.218	23.284	-1.223
740314.9675	1015962.761	23.346	-1.238
740314.8095	1015967.303	23.284	-1.146
740314.6515	1015971.846	23.162	-1.164
740314.4935	1015976.389	22.98	-1.194
740314.3355	1015980.932	23.01	-1.186
740314.1775	1015985.474	23.316	-1.12
740314.0195	1015990.017	23.162	-1.177
740313.8615	1015994.56	22.98	-1.19
740313.7035	1015999.102	23.102	-1.183
740313.5455	1016003.645	22.918	-1.273
740313.3875	1016008.187	22.766	-1.33
740313.2295	1016012.731	22.888	-1.192
740313.0715	1016017.273	23.04	-1.176
740312.9135	1016021.816	23.224	-1.159
740312.7555	1016026.358	23.346	-1.107
740312.5975	1016030.901	23.56	-1.141
740312.4395	1016035.444	23.804	-1.019
740312.2815	1016039.987	23.804	-1.019
740312.1235	1016044.529	24.262	-0.863
LINE 140			
740332.1114	1016045.225	25.024	-0.784
740332.2626	1016040.879	24.78	-0.7
740332.4137	1016036.534	24.078	-0.872
740332.5648	1016032.19	23.56	-0.975
740332.7159	1016027.844	23.498	-1.076
740332.8671	1016023.499	23.102	-1.221
740333.0182	1016019.153	23.102	-1.19
740333.1693	1016014.808	23.162	-1.172
740333.3205	1016010.463	23.194	-1.212
740333.4716	1016006.118	23.102	-1.247
740333.6227	1016001.773	23.01	-1.185
740333.7738	1015997.428	23.04	-1.22
740333.925	1015993.082	23.162	-1.328
740334.0761	1015988.737	23.224	-1.271

Site: SEAD-123F

SEDA EBS Sites

Easting	Northing	Quadrature Response	In-Phase Response
740334.2273	1015984.391	23.132	-1.363
740334.3784	1015980.047	23.072	-1.363
740334.5295	1015975.702	23.376	-1.37
740334.6806	1015971.356	23.56	-1.253
740334.8318	1015967.011	23.62	-1.264
740334.9829	1015962.666	23.468	-1.376
740335.134	1015958.32	23.468	-1.398
740335.2851	1015953.976	23.406	-1.328
740335.4363	1015949.63	23.682	-1.304
740335.5874	1015945.285	23.468	-1.359
740335.7385	1015940.94	23.284	-1.284
740335.8897	1015936.594	23.406	-1.232
740336.0408	1015932.25	23.468	-1.311
740336.1919	1015927.905	23.682	-1.293
740336.3431	1015923.559	23.742	-1.352
740336.4942	1015919.214	23.652	-1.315
740336.6453	1015914.868	23.04	-1.357
740336.7965	1015906.179	22.828	-1.418
740337.0987	1015901.833	22.736	-1.302
740337.2498	1015897.488	22.706	-1.401
740337.401	1015893.143	22.766	-1.493
740337.5521	1015888.797	22.552	-1.442
740337.7032	1015884.452	22.4	-1.299
740337.8544	1015880.108	22.736	-1.273
740338.0055	1015875.762	22.766	-1.341
740338.1566	1015871.417	22.888	-1.359
740338.3078	1015867.071	22.766	-1.381
740338.4589	1015862.726	22.552	-1.352
740338.61	1015858.381	22.522	-1.249
740338.7611	1015854.036	22.126	-1.255
740338.9123	1015849.691	21.882	-1.322
740339.0634	1015845.346	21.942	-1.337
740339.2289	1015840.586	21.882	-1.212
740339.3945	1015835.827	22.004	-1.13
740339.56	1015831.068	21.882	-1.198
740339.7255	1015826.309	21.942	-1.334
740339.891	1015821.55	21.942	-1.508
740340.0565	1015816.792	22.126	-1.357
740340.2221	1015812.033	22.37	-1.142
740340.3876	1015807.274	22.614	-1.199
740340.5531	1015802.514	22.766	-1.324
740340.7186	1015797.755	22.674	-1.324
740340.8842	1015792.996	22.766	-1.282
740341.0497	1015788.237	22.796	-1.293
740341.2152	1015783.478	22.736	-1.335
740341.3807	1015778.719	22.796	-1.39
740341.5463	1015773.96	23.316	-1.387
740341.7118	1015769.202	23.284	-1.265
740341.8773	1015764.442	23.316	-1.326
740342.0428	1015759.683	23.284	-1.341
740342.2083	1015754.924	23.224	-1.431
740342.3739	1015750.165	22.98	-1.433
740342.5394	1015745.406	22.828	-1.306
740342.6905	1015741.061	22.552	-1.367
740342.8417	1015736.715	22.796	-1.363
740342.9928	1015732.371	22.674	-1.335
740343.1439	1015728.025	22.796	-1.124
740343.295	1015723.68	22.796	-1.282
740343.4462	1015719.335	22.644	-1.166
740343.5973	1015714.989	22.614	-1.282
740343.7485	1015710.644	22.918	-1.332
740343.8996	1015706.3	22.706	-1.326
740344.0507	1015701.954	22.492	-1.26
740344.2018	1015697.609	22.46	-1.221
740344.353	1015693.263	22.522	-1.286
740344.5041	1015688.918	22.674	-1.236
740344.6552	1015684.573	22.338	-1.361
740344.8063	1015675.883	22.492	-1.319
740345.0086	1015671.538	22.614	-1.387
740345.2597	1015667.192	22.766	-1.306
740345.4109	1015662.847	22.766	-1.291
740345.562	1015658.502	22.796	-1.135
740345.7131	1015654.157	22.98	-1.076
740345.8643	1015649.812	23.072	-1.107
740346.0154	1015645.466	23.072	-1.299
LINE 160			
740366.0033	1015646.162	23.864	-1.232
740365.8585	1015650.326	23.834	-1.238
740365.7137	1015654.49	23.59	-1.255
740365.5688	1015658.654	23.59	-1.242
740365.424	1015662.819	23.346	-1.225
740365.2792	1015666.982	22.95	-1.356
740364.9895	1015675.311	22.522	-1.245
740364.8447	1015679.474	22.338	-1.214
740364.6998	1015683.639	22.308	-1.291
740364.555	1015687.803	22.522	-1.321
740364.4102	1015691.967	22.584	-1.141
740364.2653	1015696.131	22.46	-1.234
740364.1205	1015700.296	22.248	-1.348
740363.9757	1015704.459	22.186	-1.425
740363.8308	1015708.624	22.156	-1.477
740363.6859	1015712.787	22.126	-1.529
740363.5412	1015716.952	22.43	-1.637
740363.3963	1015721.116	22.522	-1.644
740363.2515	1015725.281	22.736	-1.517
740363.1067	1015729.444	22.766	-1.335
740362.9618	1015733.609	22.95	-1.374
740362.817	1015737.773	22.584	-1.464
740362.6723	1015741.937	22.522	-1.515
740362.5273	1015746.101	22.614	-1.449
740362.3823	1015740.265	22.492	-1.361
740362.2373	1015734.429	22.278	-1.326
740362.0923	1015728.593	22.156	-1.282
740361.9473	1015722.757	22.034	-1.238
740361.8023	1015716.921	21.912	-1.194
740361.6573	1015711.085	21.79	-1.15
740361.5123	1015705.249	21.668	-1.106
740361.3673	1015699.413	21.546	-1.062
740361.2223	1015693.577	21.424	-1.018
740361.0773	1015687.741	21.302	-0.974
740360.9323	1015681.905	21.18	-0.93
740360.7873	1015676.069	21.058	-0.886
740360.6423	1015670.233	20.936	-0.842
740360.4973	1015664.397	20.814	-0.798
740360.3523	1015658.561	20.692	-0.754
740360.2073	1015652.725	20.57	-0.71
740360.0623	1015646.889	20.448	-0.666
740359.9173	1015641.053	20.326	-0.622
740359.7723	1015635.217	20.204	-0.578
740359.6273	1015629.381	20.082	-0.534
740359.4823	1015623.545	19.96	-0.49
740359.3373	1015617.709	19.838	-0.446
740359.1923	1015611.873	19.716	-0.402
740359.0473	1015606.037	19.594	-0.358
740358.9023	1015600.201	19.472	-0.314
740358.7573	1015594.365	19.35	-0.27
740358.6123	1015588.529	19.228	-0.226
740358.4673	1015582.693	19.106	-0.182
740358.3223	1015576.857	18.984	-0.138
740358.1773	1015571.021	18.862	-0.094
740358.0323	1015565.185	18.74	-0.05
740357.8873	1015559.349	18.618	-0.006
740357.7423	1015553.513	18.496	0.038
740357.5973	1015547.677	18.374	0.082
740357.4523	1015541.841	18.252	0.126
740357.3073	1015536.005	18.13	0.17
740357.1623	1015530.169	18.008	0.214
740357.0173	1015524.333	17.886	0.258
740356.8723	1015518.497	17.764	0.302
740356.7273	1015512.661	17.642	0.346
740356.5823	1015506.825	17.52	0.39
740356.4373	1015500.989	17.398	0.434
740356.2923	1015495.153	17.276	0.478
740356.1473	1015489.317	17.154	0.522
740356.0023	1015483.481	17.032	0.566
740355.8573	1015477.645	16.91	0.61
740355.7123	1015471.809	16.788	0.654
740355.5673	1015465.973	16.666	0.698
740355.4223	1015460.137	16.544	0.742
740355.2773	1015454.301	16.422	0.786
740355.1323	1015448.465	16.3	0.83
740354.9873	1015442.629	16.178	0.874
740354.8423	1015436.793	16.056	0.918
740354.6973	1015430.957	15.934	0.962
740354.5523	1015425.121	15.812	1.006
740354.4073	1015419.285	15.69	1.05
740354.2623	1015413.449	15.568	1.094
740354.1173	1015407.613	15.446	1.138
740353.9723	1015401.777	15.324	1.182
740353.8273	1015395.941	15.202	1.226
740353.6823	1015390.105	15.08	1.27
740353.5373	1015384.269	14.958	1.314
740353.3923	1015378.433	14.836	1.358
740353.2473	1015372.597	14.714	1.402
740353.1023	1015366.761	14.592	1.446
740352.9573	1015360.925	14.47	1.49
740352.8123	1015355.089	14.348	1.534
740352.6673	1015349.253	14.226	1.578
740352.5223	1015343.417	14.104	1.622
740352.3773	1015337.581	13.982	1.666
740352.2323	1015331.745	13.86	1.71
740352.0873	1015325.909	13.738	1.754
740351.9423	1015320.073	13.616	1.798
740351.7973	1015314.237	13.494	1.842
740351.6523	1015308.401	13.372	1.886
740351.5073	1015302.565	13.25	1.93
740351.3623	1015296.729	13.128	1.974
740351.2173	1015290.893	13.006	2.018
740351.0723	1015285.057	12.884	2.062
740350.9273	1015279.221	12.762	2.106
740350.7823	1015273.385	12.64	2.15
740350.6373	1015267.549	12.518	2.194
740350.4923	1015261.713	12.396	2.238
740350.3473	1015255.877	12.274	2.282
740350.2023	1015250.041	12.152	2.326
740350.0573	1015244.205	12.03	2.37
740349.9123	1015238.369	11.908	2.414
740349.7673	1015232.533	11.786	2.458
740349.6223	1015226.697	11.664	2.502
740349.4773	1015220.861	11.542	2.546
740349.3323	1015215.025	11.42	2.59
740349.1873	1015209.189	11.298	2.634
740349.0423	1015203.353	11.176	2.678
740348.8973	1015197.517	11.054	2.722
740348.7523	1015191.681	10.932	2.766
740348.6073	1015185.845	10.81	2.81
740348.4623	1015180.009	10.688	2.854
740348.3173	1015174.173	10.566	2.898
740348.1723	1015168.337	10.444	2.942
740348.0273	1015162.501	10.322	2.986
740347.8823	1015156.665	10.2	3.03
740347.7373	1015150.829	10.078	3.074
740347.5923	1015144.993	9.956	3.118
740347.4473	1015139.157	9.834	3.162
740347.3023	1015133.321	9.712	3.206
740347.1573	1015127.485	9.59	3.25
740347.0123	1015121.649	9.468	3.294
740346.8673	1015115.813	9.346	3.338
740346.7223	1015109.977	9.224	3.382
740346.5773	1015104.141	9.102	3.426
740346.4323	1015098.305	8.98	3.47
740346.2873	1015092.469	8.858	3.514
740346.1423	1015086.633	8.736	

Site: SEAD-123F

SEDA EBS Sites

Eastings	Northing	Quadrature Response	In-Phase Response
740361.7717	1015767.827	22.492	-1.477
740361.4694	1015776.518	22.034	-1.574
740361.3183	1015780.863	21.606	-1.471
740361.1672	1015785.208	21.576	-1.433
740361.016	1015789.553	21.546	-1.442
740360.8649	1015793.898	21.332	-1.488
740360.7137	1015798.244	21.546	-1.495
740360.5626	1015802.589	21.606	-1.534
740360.1092	1015815.624	21.606	-1.565
740359.9581	1015819.969	21.576	-1.537
740359.807	1015824.315	21.76	-1.447
740359.6558	1015826.66	21.85	-1.585
740359.5047	1015833.006	22.004	-1.576
740359.3536	1015837.35	22.004	-1.479
740359.0513	1015846.041	21.942	-1.482
740358.9002	1015850.386	22.4	-1.622
740358.749	1015854.731	22.644	-1.519
740358.5979	1015859.076	22.736	-1.468
740358.4468	1015863.421	22.584	-1.447
740358.2957	1015867.767	22.37	-1.526
740358.1445	1015872.112	22.4	-1.525
740357.9934	1015876.457	22.644	-1.578
740357.8423	1015880.803	22.552	-1.526
740357.6912	1015885.147	22.552	-1.552
740357.54	1015889.492	22.614	-1.515
740357.3889	1015893.838	22.644	-1.504
740357.2378	1015898.183	22.614	-1.631
740357.0866	1015902.529	22.522	-1.732
740356.9355	1015906.874	22.492	-2.127
740356.7844	1015911.218	22.584	-1.719
740356.6332	1015915.564	22.674	-1.565
740356.4821	1015919.909	22.736	-1.69
740356.331	1015924.254	22.828	-1.673
740356.1798	1015928.6	22.736	-1.495
740355.8776	1015937.29	22.492	-1.572
740355.7265	1015941.635	22.278	-1.526
740355.5753	1015945.98	22.584	-1.598
740355.4242	1015950.326	22.918	-1.558
740355.2731	1015954.671	22.828	-1.561
740355.1219	1015959.015	22.706	-1.565
740354.9708	1015963.361	22.736	-1.598
740354.8197	1015967.706	22.4	-1.532
740354.6685	1015972.052	22.338	-1.572
740354.5174	1015976.397	22.278	-1.591
740354.3663	1015980.742	22.37	-1.534
740354.2152	1015985.087	22.644	-1.521
740354.064	1015989.432	22.46	-1.605
740353.6106	1016002.468	22.674	-1.486
740353.4595	1016006.814	22.736	-1.482
740353.3084	1016011.158	22.828	-1.517
740353.1572	1016015.503	22.796	-1.42
740353.0061	1016019.849	22.796	-1.344
740352.855	1016024.194	22.706	-1.501
740352.7038	1016028.539	22.858	-1.471
740352.5527	1016032.885	22.828	-1.381
740352.4016	1016037.229	22.98	-1.328
740352.2505	1016041.574	22.918	-1.416
740352.0993	1016045.92	23.498	-1.3
LINE 180			
740372.0872	1016046.615	25.208	-1.229
740372.2384	1016042.27	24.872	-1.258
740372.3895	1016037.924	24.108	-1.245
740372.5406	1016033.58	23.62	-1.405
740372.6918	1016029.235	23.56	-1.447
740372.8429	1016024.889	23.254	-1.387
740372.994	1016020.544	22.828	-1.396
740373.1452	1016016.198	22.552	-1.462
740373.2963	1016011.853	22.37	-1.556
740373.4474	1016007.509	22.126	-1.664
740373.5985	1016003.163	22.308	-1.591
740373.7496	1015998.817	22.248	-1.519
740374.0519	1015994.473	22.248	-1.519
740374.2031	1015990.127	22.43	-1.442
740374.3542	1015985.782	22.46	-1.493
740374.5053	1015981.437	22.43	-1.653
740374.6565	1015977.092	22.37	-1.624
740374.8076	1015972.747	22.278	-1.528
740374.9587	1015968.401	22.492	-1.556
740375.1099	1015964.056	22.43	-1.471
740375.261	1015959.711	22.584	-1.615
740375.4121	1015955.366	22.796	-1.701
740375.5632	1015951.021	22.644	-1.694
740375.7143	1015946.675	22.614	-1.741
740375.8654	1015942.329	22.552	-1.701
740375.9977	1015938.348	22.522	-1.697
740376.1426	1015934.183	22.278	-1.692
740376.2874	1015930.019	22.248	-1.688
740376.4322	1015925.855	22.46	-1.714
740376.5771	1015921.691	22.338	-1.683
740376.7219	1015917.526	22.46	-1.548
740376.8667	1015913.363	22.248	-1.635
740377.0116	1015909.198	22.216	-1.528
740377.1564	1015905.034	22.186	-1.488
740377.3012	1015900.87	22.126	-1.582
740377.4461	1015896.706	22.308	-1.635
740377.5909	1015892.541	22.522	-1.644
740377.7357	1015888.378	22.552	-1.62
740377.8806	1015884.213	22.156	-1.73
740378.0254	1015880.049	22.216	-1.716
740378.1702	1015875.885	22.46	-1.679
740378.3151	1015871.721	22.584	-1.683
740378.4599	1015867.556	22.492	-1.633
	1015863.393	22.644	-1.681

Site: SEAD-123F

SEDA EBS Sites

Easting	Northing	Quadrature Response	In-Phase Response
740378.6047	1015859.228	22.522	-1.712
740378.7496	1015855.064	22.216	-1.64
740379.0392	1015846.736	22.004	-1.602
740379.1904	1015842.391	22.248	-1.618
740379.3415	1015838.045	22.338	-1.616
740379.4926	1015833.701	22.492	-1.776
740379.6437	1015829.355	22.156	-1.675
740379.7949	1015825.01	22.278	-1.648
740379.946	1015820.665	22.064	-1.666
740380.0972	1015816.319	22.004	-1.596
740380.2483	1015811.974	22.216	-1.554
740380.3994	1015807.63	22.216	-1.62
740380.5505	1015803.284	22.186	-1.622
740380.7017	1015798.939	22.216	-1.644
740380.8528	1015794.593	22.308	-1.624
740381.0039	1015790.248	22.46	-1.583
740381.1551	1015785.903	22.614	-1.931
740381.3062	1015781.558	22.614	-1.907
740381.4573	1015777.213	22.46	-1.69
740381.6084	1015772.868	22.552	-1.629
740381.7596	1015768.522	22.706	-1.708
740381.9107	1015764.177	23.01	-1.629
740382.0619	1015759.831	23.376	-1.596
740382.213	1015755.487	23.162	-1.668
740382.3641	1015751.142	23.102	-1.673
740382.5152	1015746.796	23.132	-1.657
740382.6732	1015742.254	22.95	-1.56
740382.8312	1015737.711	22.736	-1.554
740382.9892	1015733.169	22.888	-1.679
740383.1472	1015728.625	22.796	-1.646
740383.3052	1015724.083	22.706	-1.694
740383.4632	1015719.54	22.552	-1.653
740383.6212	1015714.998	22.584	-1.705
740383.7792	1015710.454	22.308	-1.657
740383.9372	1015705.912	22.004	-1.547
740384.0952	1015701.369	22.156	-1.572
740384.2532	1015696.827	22.278	-1.572
740384.4112	1015692.284	21.912	-1.738
740384.5692	1015687.741	21.576	-1.683
740384.7272	1015683.199	21.668	-1.552
740384.8852	1015678.656	21.85	-1.436
740385.0432	1015674.113	22.064	-1.512
740385.2012	1015669.57	22.216	-1.534
740385.3592	1015665.028	22.308	-1.519
740385.5172	1015660.485	22.4	-1.563
740385.6752	1015655.942	22.216	-1.451
740385.8332	1015651.399	22.064	-1.464
740385.9912	1015646.857	22.46	-1.534
LINE 200			
740405.9791	1015647.552	22.796	-1.532
740405.8401	1015651.55	22.828	-1.526
740405.7011	1015655.547	22.674	-1.582
740405.562	1015659.545	22.706	-1.501
740405.423	1015663.542	22.552	-1.398
740405.2839	1015667.54	22.186	-1.368
740405.1449	1015671.537	21.79	-1.486
740405.0059	1015675.535	21.882	-1.536
740404.8668	1015679.533	22.094	-1.447
740404.7278	1015683.53	21.942	-1.442
740404.5887	1015687.528	21.942	-1.532
740404.4497	1015691.525	21.972	-1.526
740404.3107	1015695.523	21.728	-1.503
740404.1716	1015699.521	21.79	-1.541
740404.0326	1015703.518	21.76	-1.488
740403.7545	1015711.513	21.912	-1.602
740403.6155	1015715.511	21.912	-1.651
740403.4764	1015719.508	21.882	-1.585
740403.3374	1015723.506	21.912	-1.639
740403.1983	1015727.504	22.004	-1.692
740403.0593	1015731.501	21.972	-1.64
740402.9203	1015735.499	22.064	-1.523
740402.7812	1015739.496	22.094	-1.582
740402.6422	1015743.494	21.942	-1.627
740402.5031	1015747.492	22.064	-1.626
740402.3583	1015751.656	22.338	-1.675
740402.2135	1015755.82	22.552	-1.521
740402.0686	1015759.984	22.584	-1.574
740401.9238	1015764.148	22.644	-1.515
740401.779	1015768.312	22.706	-1.456
740401.6341	1015772.476	22.156	-1.642
740401.4893	1015776.641	21.882	-1.6
740401.3445	1015780.804	22.156	-1.537
740401.1996	1015784.969	22.46	-1.616
740401.0548	1015789.133	22.43	-1.743
740400.91	1015793.297	22.308	-1.642
740400.7651	1015797.461	21.85	-1.723
740400.6203	1015801.626	22.034	-1.729
740400.4755	1015805.789	22.278	-1.78
740400.3306	1015809.954	22.308	-1.721
740400.1858	1015814.118	22.004	-1.585
740400.041	1015818.282	21.79	-1.547
740399.8961	1015822.446	21.698	-1.605

Site: SEAD-123F

SEDA EBS Sites

Easting	Northing	Quadrature Response	In-Phase Response
740399.7513	1015826.611	21.698	-1.646
740399.4616	1015834.939	21.728	-1.732
740399.3168	1015839.103	21.606	-1.591
740399.172	1015843.267	21.514	-1.593
740399.0271	1015847.431	21.636	-1.596
740398.876	1015851.777	21.79	-1.558
740398.7249	1015856.122	21.728	-1.583
740398.5738	1015860.466	21.882	-1.681
740398.4226	1015864.812	21.942	-1.604
740398.2715	1015869.157	21.76	-1.536
740398.1204	1015873.502	21.728	-1.539
740397.9692	1015877.848	21.698	-1.46
740397.8181	1015882.193	21.576	-1.547
740397.667	1015886.537	21.606	-1.633
740397.2136	1015899.574	21.82	-1.604
740397.0624	1015903.919	21.942	-1.683
740396.9113	1015908.264	21.85	-1.734
740396.7602	1015912.609	21.302	-1.556
740396.6091	1015916.954	21.302	-1.481
740396.4579	1015921.299	21.392	-1.637
740396.3068	1015925.645	21.454	-1.653
740396.1557	1015929.99	21.606	-1.462
740396.0045	1015934.336	21.79	-1.56
740395.8534	1015938.68	21.82	-1.582
740395.7023	1015943.025	21.79	-1.57
740395.5512	1015947.371	21.668	-1.556
740395.4063	1015951.535	21.636	-1.605
740395.2615	1015955.699	21.76	-1.526
740394.9718	1015964.028	21.85	-1.576
740394.827	1015968.191	21.972	-1.58
740394.6822	1015972.356	21.942	-1.526
740394.5373	1015976.52	22.034	-1.611
740394.3925	1015980.684	21.942	-1.653
740394.2477	1015984.848	21.79	-1.539
740394.1028	1015989.013	21.76	-1.547
740393.958	1015993.176	21.698	-1.598
740393.6683	1016001.505	21.698	-1.648
740393.5235	1016005.668	21.85	-1.589
740393.3787	1016009.833	21.912	-1.582
740393.2338	1016013.997	22.034	-1.532
740393.089	1016018.161	22.584	-1.602
740392.9442	1016022.325	22.766	-1.585
740392.7993	1016026.49	22.614	-1.462
740392.6545	1016030.653	22.552	-1.491
740392.5097	1016034.818	22.614	-1.396
740392.3648	1016038.982	23.072	-1.188
740392.22	1016043.146	23.468	-1.12

APPENDIX E. Chemical Analyses Data Qualifiers and QC Samples

Laboratory Qualifiers for Chemical Data

(not all qualifiers apply)

Organics Qualifiers (GC/HPLC)

- U Indicates compound was analyzed for but not detected above the reporting limits
- J Indicates an estimated value. This flag is used when the result is less than the reporting limit, but greater than or equal to one half the reporting limit.
- P This flag is used for a pesticide/Aroclor target analyte when there is a greater than 25.0% difference for detected concentrations between the two analytical columns. The lower of the two values is reported on the Form I and flagged with a P .
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag applies when the analyte is found in the associated method blank as well as in the sample. It indicates a possible/probable blank contamination and warns the data user to take appropriate action. On the samples get a B flag. The method blank does not.
- D This flag identifies all compounds identified in an analysis at a secondary dilution factor. This flag alerts the data users that any discrepancies between the concentrations reported for the dilutions may be due to dilution of the sample extract. It additionally indicates that spike recoveries may have been diluted below quantifiable levels.
- E This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis. If one or more compounds have a response greater than the upper level of calibration range, the extract shall be diluted and re-analyzed.
- Y Laboratory-defined flag for semivolatile reporting. Quantitation of benzo(b/k)fluoranthene is based on the combined instrument response of the unresolved isomer peaks. The combined response has been quantified as benzo(b)fluoranthene.
- Z The reported result is based on the combined response from coeluting compounds.

Organics Qualifiers (GC/HPLC)

- A The reported Tentatively Identified Compound (TIC) is a suspected aldol-condensate product.
- B The reported analyte was detected in the associated method blank as well as the sample.
- D Compound is identified in an analysis which occurred at a dilution.
- E Compound quantitation is above the instrument's calibration range for this analysis.
- J Indicates an estimated quantitation value below reporting limit.
- U Compound was analyzed for but not detected.
- X The reported compound is a suspected laboratory contaminant.
- Z The reported results is based on the combined responses from coeluting compounds.

Metals Qualifiers

- U Entered if the analyte was analyzed for but not detected.
- N Matrix spike sample recovery not within control limits.
- B Entered if the reported value is less than the Contract Required Detection Limit (CRDL), but greater than the Instrument Detection Limit (IDL).
- E (ICP) - The reported value is estimated because of the presence of interference.
- * Duplicate analysis not within the control limits.
- M Duplicate injection precision not met.
- S The reported value was determined by the Method of Standard Additions.
- W Post digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample concentration is less than 50% of spike concentration.
- I Correlation coefficient for the MSA is less than 0.995.

SENECA
EBS QC SAMPLES
VOLATILES

2/4/99

SITE:	EBS-SITE	EBS-SITE	SEAD-123B	SEAD-123D					
LOC ID:	SITE	SITE	SS123B-1	TP123D-1					
SAMP ID:	EB003	EB019	EB017	EB002					
QC CODE:	TB	TB	RB	RB					
SAMP. DETH TOP:	0	0	0	0					
SAMP. DEPTH BOT:	0	0	0	0					
MATRIX:	GROUNDW	GROUNDW	GROUNDW	GROUNDW					
SAMP. DATE:	2-Mar-98	2-Mar-98	9-Mar-98	5-Mar-98					
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,1,1-Trichloroethane	UG/L	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	UG/L	10	U	10	U	10	U	10	U
1,1,2-Trichloroethane	UG/L	10	U	10	U	10	U	10	U
1,1-Dichloroethane	UG/L	10	U	10	U	10	U	10	U
1,1-Dichloroethene	UG/L	10	U	10	U	10	U	10	U
1,2-Dichloroethane	UG/L	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)	UG/L	10	U	10	U	10	U	10	U
1,2-Dichloropropane	UG/L	10	U	10	U	10	U	10	U
Acetone	UG/L	10	U	10	U	10	U	10	U
Benzene	UG/L	10	U	10	U	10	U	10	U
Bromodichloromethane	UG/L	10	U	10	U	10	U	10	U
Bromoform	UG/L	10	U	10	U	10	U	10	U
Carbon disulfide	UG/L	10	U	10	U	10	U	10	U
Carbon tetrachloride	UG/L	10	U	10	U	10	U	10	U
Chlorobenzene	UG/L	10	U	10	U	10	U	10	U
Chlorodibromomethane	UG/L	10	U	10	U	10	U	10	U
Chloroethane	UG/L	10	U	10	U	10	U	10	U
Chloroform	UG/L	10	U	10	U	10	U	10	U
Cis-1,3-Dichloropropene	UG/L	10	U	10	U	10	U	10	U
Ethyl benzene	UG/L	10	U	10	U	10	U	10	U
Methyl bromide	UG/L	10	U	10	U	10	U	10	U
Methyl butyl ketone	UG/L	10	U	10	U	10	U	10	U
Methyl chloride	UG/L	10	U	10	U	10	U	10	U
Methyl ethyl ketone	UG/L	10	U	10	U	10	U	10	U
Methyl isobutyl ketone	UG/L	10	U	10	U	10	U	10	U
Methylene chloride	UG/L	10	U	10	U	10	U	10	U
Styrene	UG/L	10	U	10	U	10	U	10	U
Tetrachloroethene	UG/L	10	U	10	U	10	U	10	U
Toluene	UG/L	10	U	10	U	10	U	10	U
Total Xylenes	UG/L	10	U	10	U	10	U	10	U
Trans-1,3-Dichloropropene	UG/L	10	U	10	U	10	U	10	U
Trichloroethene	UG/L	10	U	10	U	10	U	10	U
Vinyl chloride	UG/L	10	U	10	U	10	U	10	U

SENECA
EBS QC SAMPLES
SEMIVOLATILES

2/4/99

SITE:	EBS-SITE	SEAD-122E	SEAD-122E	SEAD-122	SEAD-123B	SEAD-123D							
DESCRIPTION		Daicing Planes	Daicing Planes	Daicing Planes	Bldg. 716 and 717 Petroleum Releases	Area West of Bldg. 715							
LOC ID:	SITE	MW122E-1	MW122E-1	SB122E-1	SS123B-1	TP123D-1							
SAMP ID:	EB006	EB010	EB122	EB004	EB017	EB002							
QC CODE:	TB	RB	SA	RB	RB	RB							
SAMP DETH TOP:	0	0	4.1	0	0	0							
SAMP DEPTH BOT:	0	0	8.2	0	0	0							
MATRIX:	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUND	GROUNDWATER	GROUNDWATER							
SAMP DATE	2-Mar-98	8-Mar-98	8-Mar-98	6-Mar-98	5-Mar-98	5-Mar-98							
PARAMETER	UNIT	NYS CLASS GA	DRINKING WATER	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
1,2,4-Trichlorobenzene	UG/L	5		194.60		1 U		1 U		1 U		1 U	
1,2-Dichlorobenzene	UG/L	4,7		268.16		1 U		1 U		1 U		1 U	
1,3-Dichlorobenzene	UG/L	5		3248.50		1 U		1 U		1 U		1 U	
1,4-Dichlorobenzene	UG/L	4,7		2.80		1 U		1 U		1 U		1 U	
2,4,5-Trichlorophenol	UG/L			3650.00		2.5 U		2.5 U		2.6 U		2.6 U	
2,4,6-Trichlorophenol	UG/L			0.97		1 U		1 U		1 U		1 U	
2,4-Dichlorophenol	UG/L			109.50		1 U		1 U		1 U		1 U	
2,4-Dimethylphenol	UG/L	5		730.00		1 U		1 U		1 U		1 U	
2,4-Dinitrophenol	UG/L			73.00		2.5 U		2.5 U		2.6 U		2.6 U	
2,4-Dinitrotoluene	UG/L	5		73.00		1 U		1 U		1 U		1 U	
2,6-Dinitrotoluene	UG/L	5		36.50		1 U		1 U		1 U		1 U	
2-Chloronaphthalene	UG/L					1 U		1 U		1 U		1 U	
2-Chlorophenol	UG/L			182.50		1 U		1 U		1 U		1 U	
2-Methylnaphthalene	UG/L					1 U		1 U		1 U		1 U	
2-Methylphenol	UG/L	5				1 U		1 U		1 U		1 U	
2-Nitroaniline	UG/L			0.35		2.5 U		2.5 U		2.6 U		2.6 U	
2-Nitrophenol	UG/L					1 U		1 U		1 U		1 U	
3,3'-Dichlorobenzidine	UG/L					1 U		1 U		1 U		1 U	
3-Nitroaniline	UG/L			109.50		2.5 U		2.5 U		2.6 U		2.6 U	
4,6-Dinitro-2-methylphenol	UG/L	5				2.5 U		2.5 U		2.6 U		2.6 U	
4-Bromophenyl phenyl ether	UG/L			2117.00		1 U		1 U		1 U		1 U	
4-Chloro-3-methylphenol	UG/L					1 U		1 U		1 U		1 U	
4-Chloroaniline	UG/L	5		148.00		1 U		1 U		1 U		1 U	
4-Chlorophenyl phenyl ether	UG/L					1 U		1 U		1 U		1 U	
4-Methylphenol	UG/L	5				1 U		1 U		1 U		1 U	
4-Nitroaniline	UG/L	5		109.50		2.5 U		2.5 U		2.6 U		2.6 U	
4-Nitrophenol	UG/L			2190.00		2.5 U		2.5 U		2.6 U		2.6 U	
Acenaphthene	UG/L					1 U		1 U		1 U		1 U	
Acenaphthylene	UG/L					1 U		1 U		1 U		1 U	
Anthracene	UG/L			10950.00		1 U		1 U		1 U		1 U	
Benzo[a]anthracene	UG/L					1 U		1 U		1 U		1 U	
Benzo[a]pyrene	UG/L	10		0.00		1 U		1 U		1 U		1 U	
Benzo[b]fluoranthene	UG/L			0.02		1 U		1 U		1 U		1 U	
Benzo[ghi]perylene	UG/L					1 U		1 U		1 U		1 U	
Benzo[k]fluoranthene	UG/L			0.17		1 U		1 U		1 U		1 U	
Bis(2-Chloroethoxy)methane	UG/L					1 U		1 U		1 U		1 U	
Bis(2-Chloroethyl)ether	UG/L			0.01		1 U		1 U		1 U		1 U	
Bis(2-Chloroisopropyl)ether	UG/L			0.28		1 U		1 U		1 U		1 U	
Bis(2-Ethylhexyl)phthalate	UG/L	50				1 U		1.2 B		0.31 J		1 U	
Butylbenzylphthalate	UG/L			7300.00		1 U		1 U		0.13 JB		1 U	
Carbazole	UG/L			3.36		1 U		1 U		1 U		1 U	
Chrysene	UG/L			1.68		1 U		1 U		1 U		1 U	
Di-n-butylphthalate	UG/L	50				1 U		1 U		0.068 J		1 U	
Di-n-octylphthalate	UG/L			730.00		1 U		1 U		1 U		1 U	
Dibenz[a,h]anthracene	UG/L					1 U		1 U		1 U		1 U	
Dibenzofuran	UG/L			146.00		1 U		1 U		1 U		1 U	
Diethyl phthalate	UG/L			29200.00		1 U		1 U		0.28 J		1 U	
Dimethylphthalate	UG/L			365000.00		1 U		1 U		1 U		1 U	
Ethylene Glycol	MG/L			73000.00	50 U	50 U		50 U	50 U				
Fluoranthene	UG/L			1480.00		1 U		1 U		1 U		1 U	
Fluorane	UG/L			1460.00		1 U		1 U		1 U		1 U	
Hexachlorobenzene	UG/L	0.35		0.01		1 U		1 U		1 U		1 U	
Hexachlorobutadiene	UG/L			0.14		1 U		1 U		1 U		1 U	
Hexachlorocyclopentadiene	UG/L			0.15		1 U		1 U		1 U		1 U	
Hexachloroethane	UG/L			0.75		1 U		1 U		1 U		1 U	
Indeno[1,2,3-cd]pyrene	UG/L			0.02		1 U		1 U		1 U		1 U	
Isophorone	UG/L					1 U		1 U		1 U		1 U	
N-Nitrosodiphenylamine	UG/L			13.72		1 U		1 U		1 U		1 U	
N-Nitrosodipropylamine	UG/L					1 U		1 U		1 U		1 U	
Naphthalene	UG/L			1480.00		1 U		1 U		1 U		1 U	
Nitrobenzene	UG/L			3.39		1 U		1 U		1 U		1 U	
Pentachlorophenol	UG/L	1		0.58		2.5 U		2.5 U		2.6 U		2.6 U	
Phenanthrene	UG/L					1 U		1 U		1 U		1 U	
Phenol	UG/L	1		21900.00		1 U		1 U		1 U		1 U	
Propylene Glycol	MG/L				50 U	50 U		50 U	50 U				
Pyrene	UG/L			1095.00		1 U		1 U		1 U		1 U	

SENECA
EBS QC SAMPLES

METALS

SITE:	SEAD-123B	SEAD-123D
LOC ID:	SS123B-1	TP123D-1
SAMP ID:	EB018	EB002
QC CODE:	RB	RB
SAMP. DETH TOP:	0	0
SAMP. DEPTH BOT:	0	0
MATRIX:	GROUNDWATER	GROUNDWATER
SAMP. DATE:	9-Mar-98	5-Mar-98

PARAMETER	UNIT	VALUE	Q	VALUE	Q
Aluminum	UG/L	18.5	B	15.1	B
Antimony	UG/L	3.5	U	3.5	U
Arsenic	UG/L	3.6	U	3.6	U
Barium	UG/L	4.2	U	4.2	U
Beryllium	UG/L	0.1	U	0.1	U
Cadmium	UG/L	0.3	U	0.3	U
Calcium	UG/L	106	U	106	U
Chromium	UG/L	1.1	U	1.1	U
Cobalt	UG/L	1.7	U	1.7	U
Copper	UG/L	2.3	U	2.3	U
Cyanide	UG/L	5	U	5	U
Iron	UG/L	34.7	B	25.8	B
Lead	UG/L	2.4	B	1.8	U
Magnesium	UG/L	127	U	127	U
Manganese	UG/L	0.48	B	0.42	B
Mercury	UG/L	0.1	U	0.1	U
Nickel	UG/L	2.1	U	2.1	U
Potassium	UG/L	220	U	354	B
Selenium	UG/L	4.7	U	4.7	U
Silver	UG/L	2.1	U	2.1	U
Sodium	UG/L	607	U	607	U
Thallium	UG/L	6.3	U	6.3	U
Vanadium	UG/L	1.6	U	1.6	U
Zinc	UG/L	4.6	B	14.2	B