



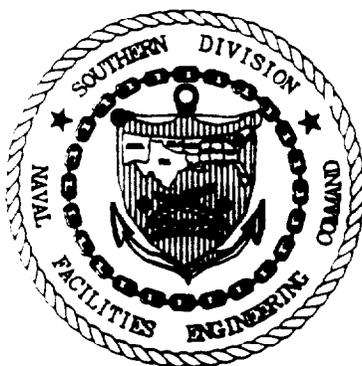
**COMPREHENSIVE LONG-TERM
ENVIRONMENTAL ACTION
INDIAN HEAD DIVISION
NAVAL SURFACE WARFARE CENTER
INDIAN HEAD, MARYLAND**

**FINAL REPORT
SITE INSPECTION:
PHASE I
OLSON ROAD LANDFILL**

Prepared for:

**DEPARTMENT OF THE NAVY
CHESAPEAKE DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
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**Release of this document requires the prior notification of the
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Maryland.**

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1.0 INTRODUCTION

The following report discusses the completed field activities and data collected during Phase I of the Site Inspection (SI) at the Indian Head Division Naval Surface Warfare Center (IHDIVNAVSURFWARCEN) Indian Head, Maryland. This phase of the SI concerned the Olson Road Landfill, designated as Site 42. This report is submitted in accordance with the provisions of Navy Contract N62467-89-D-0318. For this report "facility" refers to IHDIVNAVSURFWARCEN and "site" refers to the Olson Road Landfill.

1.1 Project Objective

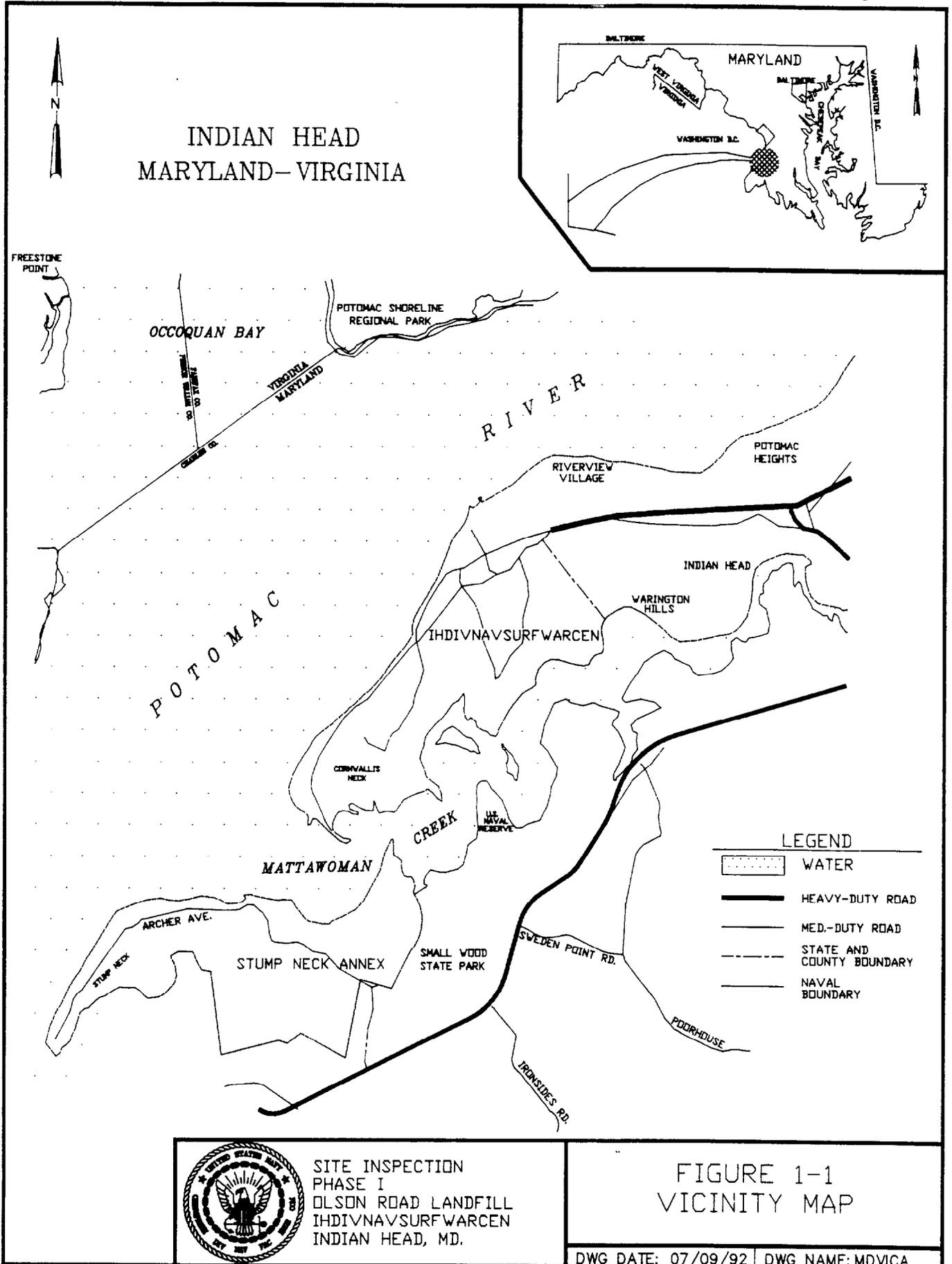
The objective of this SI was to determine if past disposal practices at Site 42 resulted in contamination of the shallow soil or groundwater systems at the site. This objective was accomplished through surface and shallow subsurface studies involving a geophysical survey, a series of soil borings and groundwater monitoring wells. Samples were collected from each matrix.

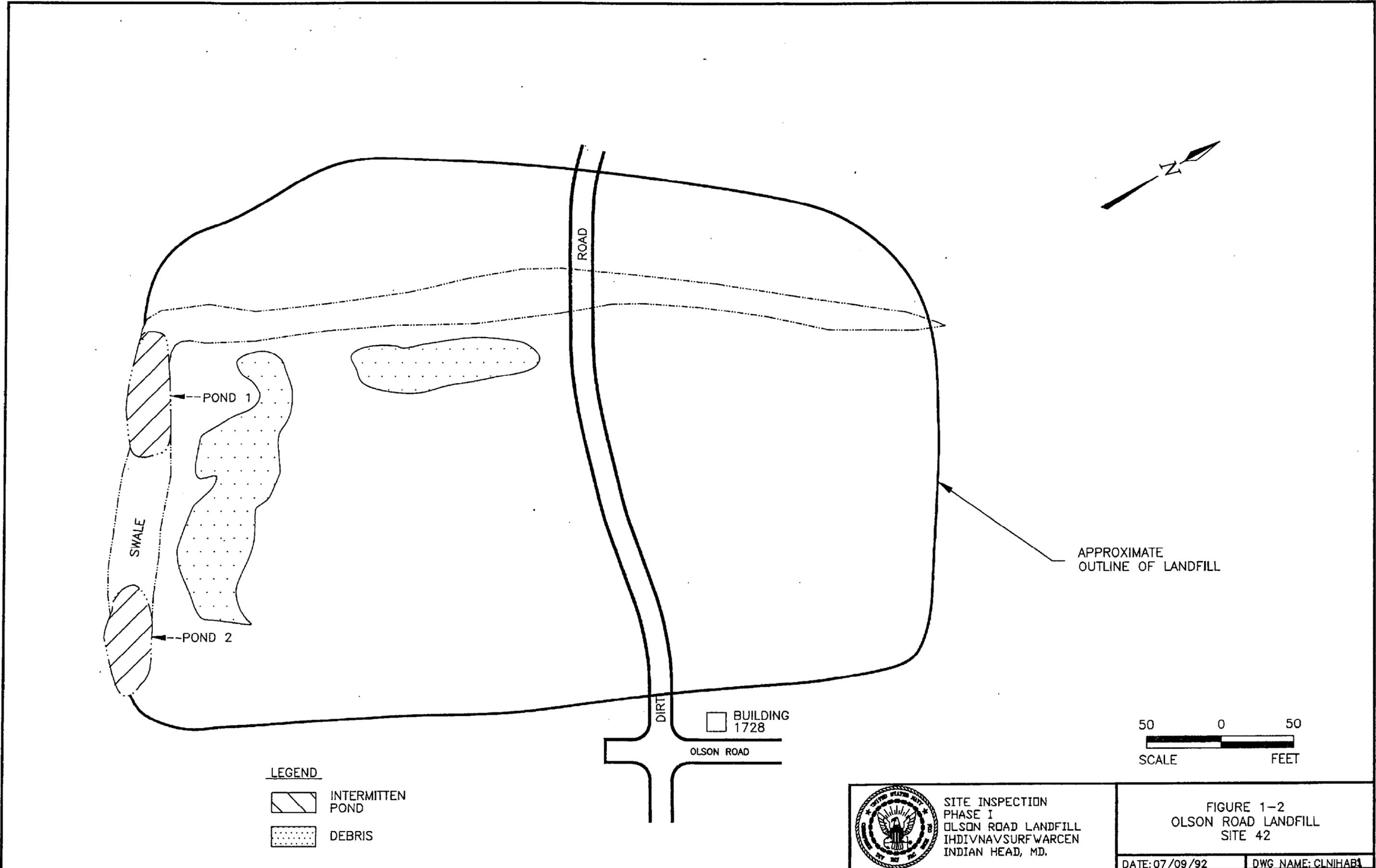
1.2 Facility Description

IHDIVNAVSURFWARCEN is located in northwestern Charles County, Maryland, on the Indian Head Peninsula. The facility is isolated by the Potomac River to the northwest and south, Mattawoman Creek to the south and east, and the town of Indian Head to the northeast (Figure 1-1). The facility produces ordnance propellants and explosives.

1.3 Study Area

The Phase I SI study area was the Olson Road Landfill (Figure 1-2). The landfill comprises approximately two acres and is bisected by a dirt road. The site slopes gently in the northeastern portion with a steeper grade to the southwest and western edge. The majority of the site has been cleared of vegetation. Visible debris includes scattered cans, drums, pallets, and branches. In addition, the area does not conform to early topographic maps, this nonconformity may indicate filling.





LEGEND
[Diagonal Hatching] INTERMITTEN POND
[Dotted Pattern] DEBRIS

50 0 50
SCALE FEET


SITE INSPECTION
PHASE I
OLSON ROAD LANDFILL
IHDI VNAV SURFWAR CEN
INDIAN HEAD, MD.

FIGURE 1-2
OLSON ROAD LANDFILL
SITE 42
DATE: 07/09/92 DWG NAME: CLNIHAB1

The site is bound by a drainage swale (ditch) and undeveloped land to the northwest, an open field to the northeast (toward building 728), Olson Road to the southeast and by two small ponds and a wooded area to the southwest. Building 1728 (well pumping house) is located in the west central edge of the site.

1.4 Previous Studies

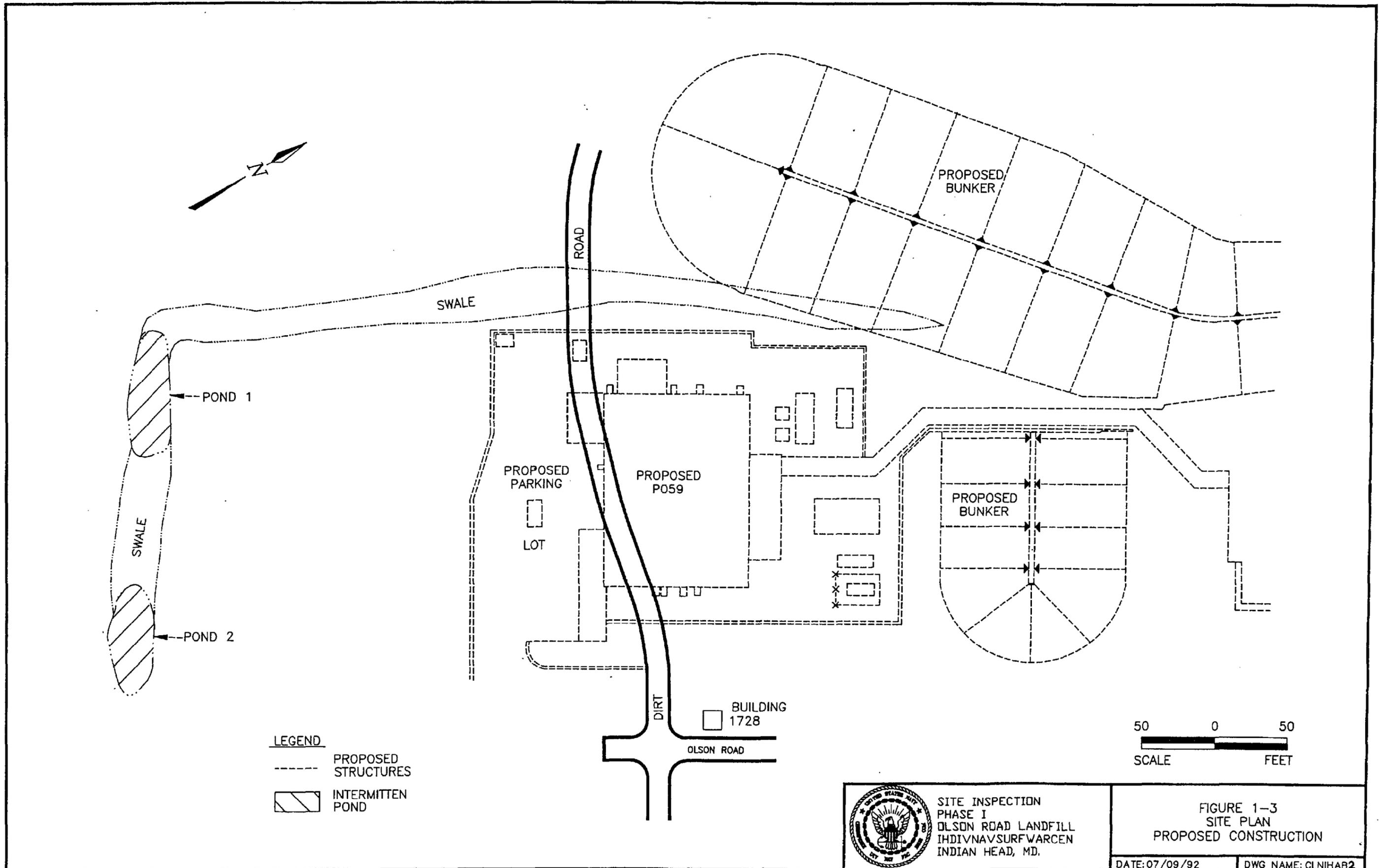
A record search conducted during a Preliminary Assessment (PA) indicated insufficient data was available to assess environmental impacts by site activities. Other than the PA, no studies have been completed at Site 42. A geotechnical investigation and an environmental impact study were completed as preliminary steps for the construction of a mixing, assembly and cure facility (MILCON project) at Site 42 (Figure 1-3). These investigations are summarized below.

1.4.1 Geotechnical Studies

Two geotechnical studies were completed by ATEC Associates of Virginia, Inc., Alexandria, Virginia, in August 1988 and April 1989. The focus of these studies was to evaluate site strata for foundation designs. Several soil borings were completed near Site 42 at each of the four corners of the proposed mixing facility to a depth of approximately 25 feet. Boring log data indicate an 8- to 16-foot layer of silty to sandy clay above a unit of silty sand. The lower unit was not fully penetrated.

1.4.2 Environmental Impact Assessment

An environmental impact assessment for the MILCON project was implemented to determine any potential impact to ecosystems as a result of new construction. The study was completed in July 1990. Conclusions of the study did not indicate any significant impacts as a result of the construction.



1.4.3 Preliminary Assessment

A limited assessment was completed by the Naval Energy and Environmental Support Activity for the Olson Road Landfill as part of the IHDIVNAVSURFWARCEN Preliminary Assessment (PA) (NEESA 13-021A). The assessment concluded:

- Disposal was not authorized and apparently occurred over a five-year period in the early and mid 1980s.
- Disposal of hazardous waste was not on record, nor was it recalled by facility personnel.
- Current visible debris on site includes branches, pallets, and a few scattered cans and drums.
- The Preliminary Assessment recommended an SI.

2.0 FIELD ACTIVITIES

This section discusses all field work including sampling and decontamination procedures, sampling rationale and sample convention. The SI work plan was designed to produce data of technical quality to assess the current site conditions, and included tasks necessary to evaluate if contamination is present at Site 42.

2.1 Sample Nomenclature

Samples collected during this study include soil boring samples, sediment samples, surface soil samples, surface water samples, grab groundwater samples and groundwater samples from monitoring wells. Each sample was uniquely identified by sample location and type. All samples were prefixed by the number 42 indicating Site 42.

Soil samples collected from borings were identified by the boring number and the sampling interval. For example, sample 42B1-3 was collected from Site 42, boring one at the third sample interval (9-11 feet). Sediment samples and surface soil samples were identified by SS (sediment/surface sample) followed by the sample number. Sample 42SS-1 would be sediment sample number one.

Water samples included surface water samples, grab groundwater samples collected from open boreholes, and groundwater samples collected from the monitoring wells. Sample types were indicated as follows: SW (surface water) followed by the sample number, BW (borehole water, grab groundwater samples) followed by the boring number, and MW (monitoring well) followed by the well number. For example, sample 42MW-1 is a groundwater sample collected from monitoring well number 1.

Identification for quality assurance samples include FB for field blank or RB for rinsate blank and the month and day of collection. For example, 42RB1010 is the rinsate sample collected

October 10, 1991. Field duplicate samples were identified in exactly the same manner as the original (paired) sample, but ended with a D (e.g. 42B13-3D).

Samples collected during Stage 1 were submitted to PACE Laboratories of Novato, California, for analysis of the full Target Compound List/Target Analyte List (TCL/TAL). Samples collected during Stage 2 were submitted to PACE Laboratories of Wappinger Falls, New York, for TCL and/or TAL analysis as specified. Sample and laboratory analysis were completed under NEESA level C protocol.

2.2 Sampling Approach

The approach of this SI involved three tasks: (1) a geophysical survey, (2) shallow subsurface study, and (3) surface water and drainage swale analysis. Task 1 utilized a magnetometer and a ground penetrating radar (GPR) to scan the subsurface for buried obstructions that would impede drilling operations or present a potential hazard. Task 2 involved the installation and sampling of shallow soil borings and groundwater monitoring wells. Task 3 involved the collection of surface water samples, surface soil samples, and sediment samples. Tasks 2 and 3 were completed concurrently during both stages of field work. Details of each task are described below.

2.3 Geophysical Survey

LGI, Inc., a Division of Layne Geosciences, Inc. was retained by E/A&H to complete a limited, shallow geophysical survey. The purpose of the survey was to locate buried obstructions (i.e. buried tanks, drums) that could potentially impede drilling operations or present a potential hazard. The placement of all soil borings in the landfill area was contingent on field interpretation of raw data collected during the geophysical survey.

The geophysical survey involved a magnetic study followed by a survey with GPR. The magnetic study provided data for the entire investigative area. GPR was used to collect detailed

data at anomalous areas indicated by data from the magnetic study. Field operations were monitored by the E/A&H project geologist. A formal report prepared by LGI is presented as Appendix A.

2.3.1 Magnetic Study

The magnetic survey involved station-to-station measurements of the vertical magnetic gradient over the site. A grid was superimposed over the study area with 20-foot nodal points. Measurements were completed at each nodal point and at each midpoint between nodes (i.e. 10-foot centers). A magnetic gradient map was produced from the field data to identify all anomalous areas. Ten anomalous areas were noted and subjected to a more detailed survey with GPR. The magnetic gradient map is presented as Figure 3 in the Geophysical Report included as Appendix A of this report.

2.3.2 Ground Penetrating Radar Study

GPR was utilized to investigate, in detail, the anomalous areas identified during the magnetic study. These areas were traversed from end to end and side to side to produce a shallow vertical profile of the local subsurface. All raw data were reviewed in the field for quality and completeness by the field geophysicists from LGI and the E/A&H project geologist.

Data from the magnetometer and GPR survey indicated several anomalies. The largest area was indicated just south of the dirt access road. One small cylindrical object was indicated by GPR south of the road, in the southeast central portion of the site, subsequent excavation by Indian Head personnel did not reveal any buried obstruction.

2.4 Shallow Subsurface Survey

A shallow subsurface survey was conducted by completing 24 shallow soil borings and collecting soil samples from each boring. Four soil borings were completed as permanent groundwater monitoring wells. Two borings were completed as temporary groundwater monitoring wells

(42MW4 and 42MW5) and groundwater samples were collected from each well. Figure 2-1 is a site plan indicating the location of all soil borings and monitoring wells. Details of the completion of soil borings and monitoring wells, plus the collection of soil and groundwater samples are described below.

2.4.1 Soil Boring and Soil Sampling

The procedures used to install soil borings and collect soil samples were completed according to the approved work plan. Boring locations were selected based on the geophysical survey results and/or on a biased random basis. Locations were chosen at random; however, they were biased by limited rig access, undetected subsurface obstructions (e.g. tree roots, buried scrap lumber).

Each boring was installed with 4.25-inch inside diameter (ID) hollow stem augers. Borings were advanced to a maximum depth of 25 feet or to groundwater when encountered between ground level and a depth less than 25 feet. Soil samples were collected using a 24-inch long by 1.75-inch ID split-spoon sampler. Soil samples were collected at 5-foot intervals except when: (1) there was insufficient sample recovery, (2) duplicate soil samples were collected and/or, (3) if a suspect zone was encountered. Table 2-1 indicates depth intervals for each sample collected.

Grab groundwater samples were collected from select borings. Grab samples locations were chosen on a biased random basis and depended on a sufficient quantity of water. Grab groundwater samples were collected from open boreholes at boring locations 42B-9, 42B-11 and 42B-14.

Borings were abandoned by pressure grouting to the surface. Boring cuttings were distributed at the surface location of each boring. The work plan specified that boring cuttings were to be placed in drums and disposed offsite. In accordance with USEPA publication 9345.3-02FS *Guide to Management of Investigation Derived Waste*, 1991, investigation-derived waste

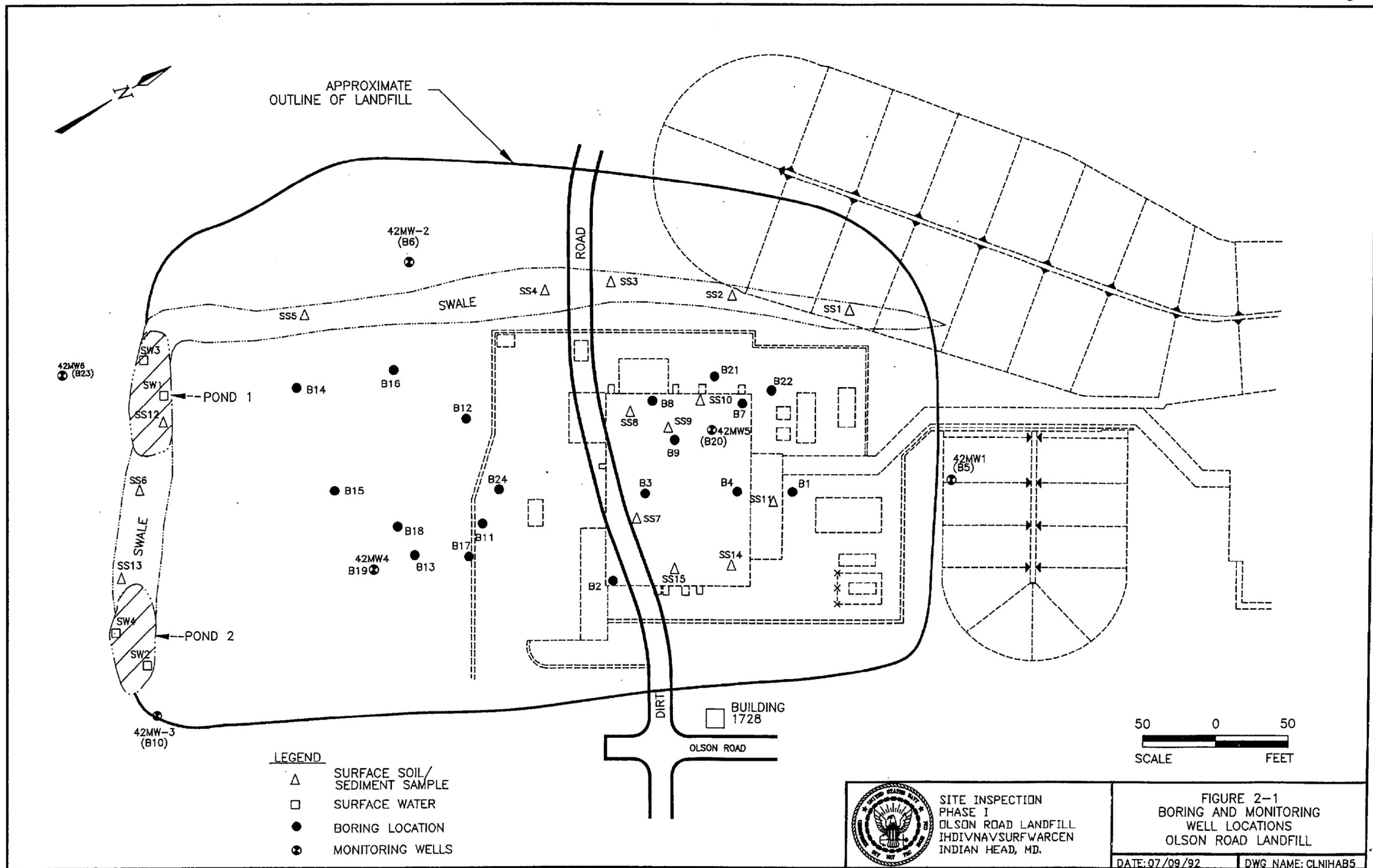


TABLE 2-1

Soil Boring Sample Frequencies and Depths

BORING No.	B1	B2	B3	B4	B5	B6	B7	B8
INTERVAL (FEET)								
0-2	B1-1	B2-1	B3-1	B4-1	B5-1	NR	B7-1	NR
4-6	B1-2	B2-2	B3-2	B4-2	B5-2	B6-1*	B7-2	B8-2
9-11	B1-3	B2-3	B3-3	B4-3	B5-3	B6-2*	B7-3	B8-3
14-16	B1-4	B2-4	B3-4	B4-4	B5-4	B6-3*	B7-4	B8-4
19-21	B1-5	B2-5	B3-5	B4-5	B5-5	B6-4*	B7-5	B8-5
24-26	B1-6	B2-6	B3-6	B4-6	B5-6	B6-5*	NS	NS
29-31	NS	NS	NS	NS	B5-7	B6-6*	NS	NS
BORING No.	B9	B10	B11	B12	B13	B14	B15	B16
INTERVAL (FEET)								
0-2	B9-1	NR	B11-1	NR	NR	NR	NR	NR
4-6	B9-2	B10-2	B11-2	B12-2	B13-2	B14-2	B15-2	B16-2
9-11	B9-3	B10-3	B11-3	NR	B13-3	B14-3	B15-3	B16-3C*
14-16	B9-4	B10-4	B11-4	B12-4	B13-4	B14-4	B15-4	B16-4*
19-21	B9-5	B10-5	B11-5	B12-5	B13-5	NS	B15-5	B16-5*
24-26	NS	NS	B11-6	B12-6	NS	NS	NS	NS
BORING No.	B17	B18	B19	B20	B21	B22	B23	B24
INTERVAL (FEET)								
0-2	B17-1	NS						
4-6	B17-2	B18-2	B19-2	B20-2	B21-2	B22-2	B23-2	B24-2
9-11	B17-3	B18-3	B19-3	B20-3	B21-3	B22-3	B23-3	B24-3
14-16	B17-4	B18-4	B19-4	B20-4	B21-4	B22-4	B23-4	B24-4
19-21	B17-5	B18-5	B19-5	B20-5	B21-5	B22-5	B23-5*	B24-5
24-26	NS	B18-6*	NS	B20-6	B21-6	B22-6	NS	B24-6
*Non-standard sample intervals.	B6-1	(4-6)	B6-4	(19-21)	B16-3C	CUTTINGS	B18-6	(21-23)
	B6-2	(9-11)	B6-5	(21-23)	B16-4	(16-18)	B23-5	(16-18)
	B6-3	(14-16)	B6-6	(24-26)	B16-5	(18-20)		

Shading indicates samples submitted for laboratory analysis.

NR = No recovery from split spoon sampler.

NS = No sample collected.

47

34

38

(including boring cuttings, monitoring well development and purge water) may be deposited onsite, even if contaminants are indicated.

2.4.2 Monitoring Well Installation Procedures

Groundwater monitoring wells were constructed in accordance with the approved work plan and to comply with the State of Maryland Well Construction Regulations, COMAR 26.04.04, SOP/QAM, and NEESA requirements. Six borings were completed as monitoring wells; 42MW4, and 42MW5 were completed as temporary wells. Table 2-2 indicates the corresponding boring and monitoring well numbers. Well construction diagrams are presented with the boring logs in Appendix B. All well drilling and installations were logged and directed by the project geologist.

BORING	MONITORING WELL
42B5	42MW1
42B6	42MW2
42B10	42MW3
42B19	42MW4*
42B20	42MW5*
42B23	42MW6

Note: * Completed as temporary wells.

Wells were initiated as soil borings as described in Section 2.4.1. Borings were completed to the target depth utilizing 4.25-inch I.D. hollow stem augers. Each boring was over-drilled to depth with 8.25-inch ID augers and the well casing installed through the annulus of the augers. A 2-inch, schedule 40 PVC well pipe with a 10-foot section of 0.010 slot well screen was installed. A primary filter pack of No. 2 sand was installed to 3 feet above the top of the well

screen. A 2-foot secondary filter of No. 1 sand was placed above the primary filter pack. The remainder of the borehole was completed with a 2 bentonite seal topped by a grout with a 5 percent bentonite slurry to the surface. The surface was completed with a 3- by 3-foot concrete pad with bumper guards (no pads were installed for temporary wells 42MW4 and 42MW5).

Specifications for 42MW3 varied from the work plan. Monitoring well 42MW-3 was set at a more shallow depth (18 feet). This allowed only 12 feet of coarse sand for the primary filter at the well screen, 2 feet of finer sand for the secondary filter pack and 2 feet of bentonite to be placed around the well casing. The remaining 2 feet of the borehole were grouted to the surface with Type I cement/bentonite grout mixture. Modified specifications were necessary to prevent the placement of the bentonite seal at ground level and to facilitate proper installation of the steel security casing and concrete pad.

Monitoring wells installed during Stage 1 were initially developed with surging techniques using a single check valve Teflon bailer. All wells were developed and /or redeveloped during Stage 2 utilizing an electric submersible pump. Select water quality parameters were measured during well development of Stage 2.

Each well was purged and sampled using a single-check valve Teflon bailer. Wells were purged of a minimum of three well casing volumes of water. None of the wells bailed dry during the purging process. Each well was sampled immediately after purging was completed. Duplicate samples were collected from 42MW-3 during Stage 1 and 42MW1 during Stage 2.

Select water quality parameters such as specific conductance, pH, and temperature were measured during well development and purging. The water quality data are presented in Appendix C. Measurements were completed during purging upon removal of each casing volume of water from the well (a minimum of three casing volumes were removed during

purging). Stage 1, the pH was slightly acidic (6.55), temperature averaged 16.5 degrees celsius with a range from 14.4 to 18.2 degrees celsius. Stage 2 the average pH and temperature were 5.79 and 13.12, respectively.

2.5 Drainage Swale Analysis (Sediment Samples)

Sediment samples were collected at six locations along the swale during Stage 1 and in each pond during Stage 2. The sampling rationale was based on a biased random criteria. A zone in and around the swale was inspected for areas of stressed vegetation and/or visible staining as possible sampling sites.

Sediment samples were collected from the swale with disposable scoops. Two sediment samples were collected from the bottom of the site ponds with a stainless steel hand auger. Upon retrieval, the sample was placed in a pre-cleaned pan. The appropriate containers were filled immediately for the volatile fraction analysis. The remaining soil was homogenized and then placed into the appropriate sample container. A label was placed on each sample container and given a unique identification number. Each sample was placed on ice in a cooler.

Surface water grab samples were collected from the two ponds immediately south and west to the landfill. A label was placed on each sample container and given a unique identification number. Each sample was preserved on ice in a cooler.

2.6 Surface Soil Samples

Seven surface soil samples (42SS7 through 42SS11, 42SS14 and 42SS15) were collected from the area specifically designated for the MILCON structure and analyzed for TCL as part of Stage 2. Sample locations are indicated on Figure 2-1 in Section 2.4. These samples were collected in the same manner as the sediment samples from the swale.

3.0 GEOLOGY AND HYDROGEOLOGY

3.1 Regional Geology and Physiography

The Indian Head Peninsula is located in the Atlantic Coastal Plains physiographic province. The peninsula is on the western edge of an eastwardly thickening wedge of interbedded fluvial and marine deposits. This wedge was deposited during the Cretaceous and Quaternary periods and ranges from 650 to 900 feet thick (Vroblesky, 1991). Sedimentary units in the wedge conform to the underlying crystalline basement rock of the Piedmont Plateau. The wedge is composed of the upper Lowland Deposits and the subordinate Potomac Group (Harsh, 1990).

The Lowland Deposits are a Quaternary sequence of fluvial sediments ranging from 0 to 150 feet in thickness. This sequence comprises medium to coarse-grained sands and gravels grading upward to silts and clays. Isolated cobbles and boulders may be found at the base (Vroblesky, 1991).

The Cretaceous Potomac Group consists of the Patapsco, Arundel, and Patuxent Formations and ranges from 650 to 750 feet in thickness (Vroblesky, 1991; Harsh, 1990). The Potomac Group is characterized by crossbedding, channel fills, and lateral pinching and thickening of beds (Hiortdahl, 1990). These formations are composed of interbedded gravels, argillaceous sands, and multicolored silts and clays (U.S. Department of the Navy, P-059, 1990; Vroblesky, 1991).

3.2 Regional Hydrology

The main aquifer system used in the Indian Head region is the Potomac Group. The Potomac Group comprises a series of water-bearing units and confining units topped by the Patapsco confining unit. The Potomac Group aquifer system produces water of good quality and is used as a regional potable water source. There are numerous localized aquifer systems in the Lowland Deposits; however, it is believed that none of these systems are used for potable water sources due to poor water quality (Hiortdahl, 1990).

3.3 Site Geology

The following section is a brief discussion of the shallow site geology determined from soil boring data. Complete logs for each boring are provided in Appendix B along with a copy of the boring log for the production well adjacent to Site 42 (Building 1728). It should be noted that data collected from borings depict conditions at each particular boring location. Strata divisions indicated by this data are estimated based on visual evaluation of each soil sample. The data represent approximate transitions between soil types. In the field, strata variations may occur gradually and/or at slightly different levels than those indicated by soil boring data.

In general, the shallow stratigraphy (0 to 25 feet) of the Olson Road Landfill comprises two soil units. Each unit was found to be reasonably consistent across the site. These units are designated as Unit 1 and Unit 2:

Unit 1 Unit 1 is a reddish to brown silty clay with some sand, organics and iron staining. This unit was found to be approximately 10 to 20 feet thick. Many of the soil samples collected from the silty clay were moist or slightly moist. Sand stringers (1 to 3 inches thick) were commonly encountered and were usually very moist.

Unit 2 Unit 2 is a brown and gray poor to moderately sorted, medium- to fine-grained sand with minor amounts of silt and clay. This sand unit was not penetrated at every boring location; however, thickness was indicated to range from 5 to 10 feet. This unit was saturated and identified as the uppermost water-bearing unit.

Surface soil types ranged from topsoil to gravel and fill materials (wood, metal, etc.). A dark gray, stiff clay was identified below Unit 2. Unit 2 was not fully penetrated at every boring location; therefore, no comment can be made regarding the continuity of the clay. The southwestern portion of the site (left of the dirt road in Figure 2-1) has been filled from 5 feet

deep near the road to more than 15 feet deep near the ponds. This fill material includes wood, metal, asphalt and minor amounts of plastic. Due to the presence of wood, metal and voids, sample recovery was low or none in samples collected between the surface and 15 feet deep for borings 42B14, 42B15 and 42B16.

3.4 Site Cross Sections

Cross sections were completed along two traverses of the site. Section A to A' (Figure 3-1) extends from monitoring well 42MW-1 to 42MW-3. Section B to B' (Figure 3-2) extends from monitoring well 42MW-2 to boring 42B6. Upon examination of cross section A-A', Unit 1 appears to decrease in thickness from the northeast to the southwest. Alternatively, Unit 2 is relatively consistent in depth, but exhibits a slight, gently increasing dip to southwest.

3.5 Site Hydrology

The scope of work for the SI did not require the collection of the appropriate data to evaluate the site hydrology. Field observations and boring data indicate:

- Isolated perched zones, usually associated with sand stringers are present in Unit 1. These sand stringers are relatively more permeable than the surrounding silt and clay and may tend hold water.
- The shallow aquifer is composed of a layer of fine- to medium-grained, poor to moderately sorted sand.
- This aquifer may be under some confining pressure from the relatively less permeable unit above (Unit 1). This is evident since the apparent head measured in the monitoring wells was above the level of the water table indicated during drilling. The top of the water table was indicated to coincide with the top of Unit 2.

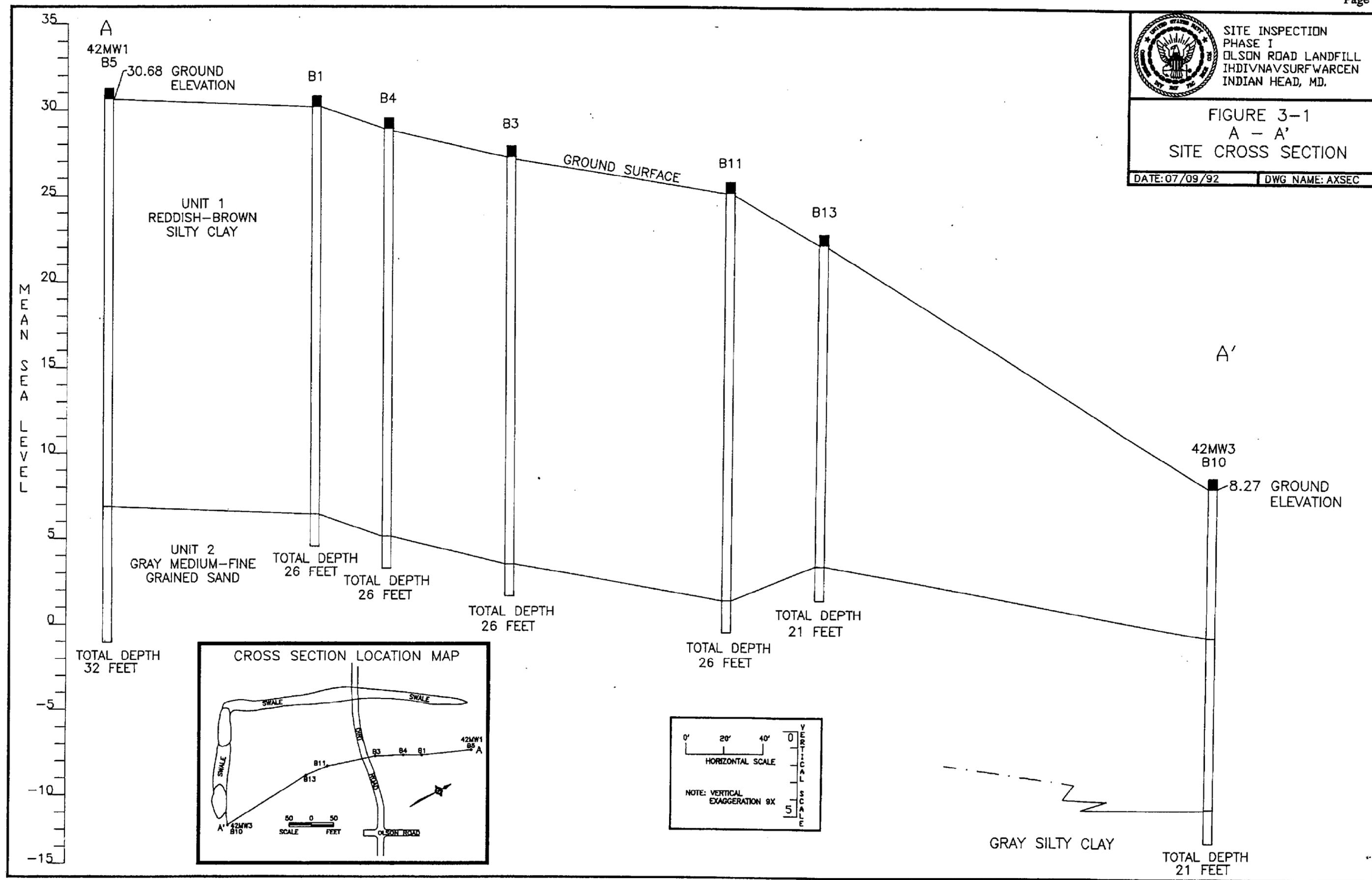
The apparent water-table potentiometric surface is indicated on Figure 3-3. The mean water levels were calculated from one data set collected during Stage 1 (wells 42MW1, 42MW2 and

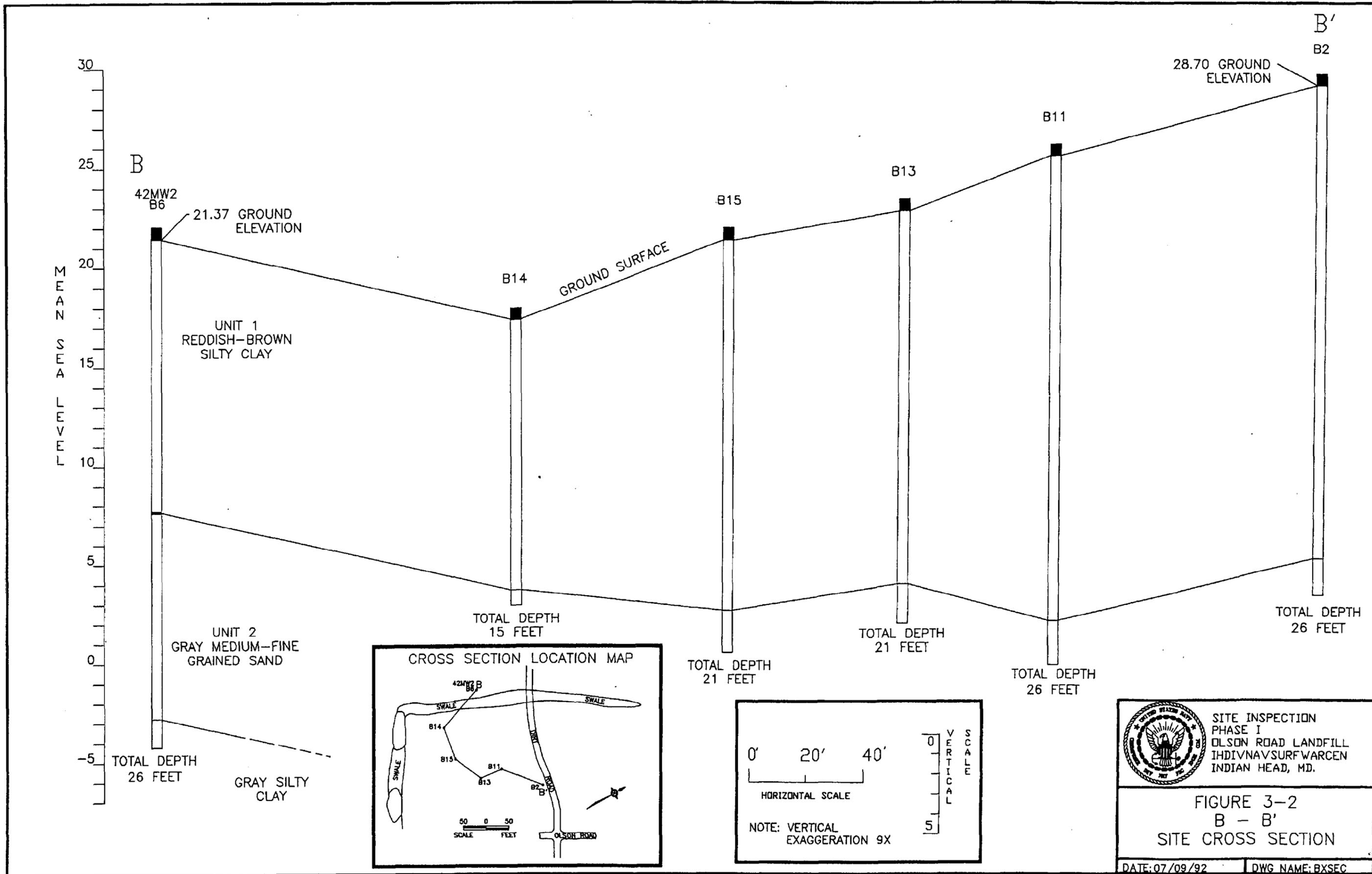


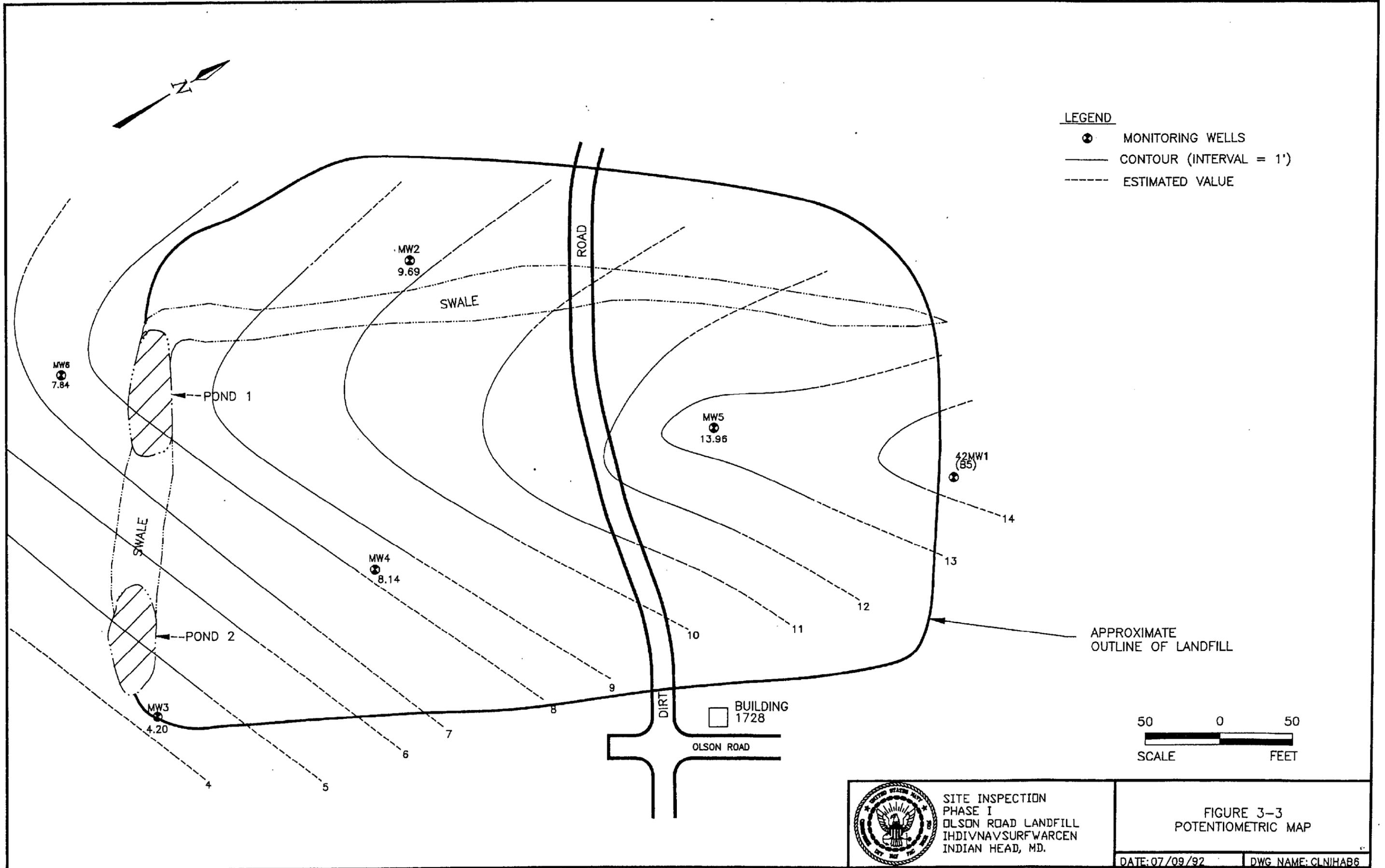
SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 IHDI VNAV SURFWAR CEN
 INDIAN HEAD, MD.

FIGURE 3-1
 A - A'
 SITE CROSS SECTION

DATE: 07/09/92 DWG NAME: AXSEC







42MW3) and two data sets collected during Stage 2 (all wells). Table 3-1 includes all water elevation data. Based on this data, the flow of groundwater appears to be predominately to the south-southeast. There is some indication that flow in the northwest section of the site may be toward the northwest; however, this can not be verified based on the current data set. Additional routine monitoring of groundwater level will aid in defining the shallow aquifer flow characteristics.

Table 3-1 Water Elevation Data Mean Sea Level						
Well No.	42MW1	42MW2	42MW3	42MW4	42MW5	42MW6
Top of Casing Elevation	30.68	21.37	8.27	18.37	27.06	18.28
Depth to Water Stage 1	19.32	13.68	5.55	—	—	—
Groundwater Elevation	11.36	7.69	2.72	—	—	—
Depth to Water Stage 2(1st set)	15.74	11.15	4.52	10.41	13.44	10.78
Groundwater Elevation	14.94	10.22	3.75	7.96	13.62	7.50
Depth to Water Stage(2nd set)	15.14	10.93	4.52	10.03	12.76	10.10
Groundwater Elevation	15.54	10.44	3.75	8.34	14.30	8.18
Average Elevation	13.95	9.45	3.41	8.15	13.96	7.84

Note: Calculated water elevations are shaded

4.0 DATA VALIDATION

The overall quality of analytical work for IHDIVNAVSURFWARCEN has been determined to be acceptable for use in the Olson Road Landfill Site Inspection report and for all relevant applications. As part of the Site Inspection report, this data validation section is offered to discuss the quality of the analytical work on the two sampling events in October 1991 (Stage 1) and March 1992 (Stage 2). All laboratory results are summarized in Appendix D.

4.1 Stage 1

E/A&H retained PACE, Inc. of Novato, California to perform laboratory analysis on all samples collected for analyses during the SI at Site 42 in stage 1. As part of the analytical data deliverables package, PACE Inc. provided narrative summaries of data quality and quality control (QC) procedures utilized, and QC problems encountered for each set of analytical parameters. These narratives are included as Appendix E. In addition with the narrative summaries, Appendix E also includes the list and definitions of the organic and inorganic CLP qualifiers.

All initial volatile organic analyses were performed within USEPA contract laboratory program (CLP) holding times. One sample (42B16-3C) required re-extraction (at the medium soil level) and re-analysis. Re-analysis was performed three days beyond holding times.

All volatile surrogate and matrix spike/matrix spike duplicate (MS/MSD) recoveries and relative percent differences (RPD), where appropriate, were found to be meet the CLP criteria. Internal standard recoveries were outside QC limits for samples 42SS-5, 42SS-4, and 42SS-4D. Matrix interferences were suspected. These findings do not influence data usability as no significant volatile hits were observed in these samples. All volatile method blanks met CLP criteria.

Semivolatile extractions and analyses were performed within USEPA CLP SOW holding times. Sample 42BW-14 was not extracted or analyzed for semivolatiles due to a laboratory oversight.

Matrix interferences were blamed for poor surrogate recoveries in samples 42RB1015, 42MW-3, 42B8-2, 42B5-4, 42B4-6, 42B5-2, 42B12-5, and 42B14-4. In all but the last sample, nonconforming surrogate recoveries are inconsequential as no significant semivolatile hits were identified. Surrogate recovery problems in sample 42B14-4 may be attributed to the relatively high concentrations of a number of compounds detected. As a result, the semivolatile concentrations for sample 42B14-4 have been 'J' flagged as estimated values.

Approximately 85 semivolatile tentatively identified compounds (TICs) were detected in soil, sediment and water samples collected onsite. In most instances, the concentrations of TICs were at or near the estimated analytical detection limit. The QC manager for PACE, Inc. was contacted regarding the validity of the TIC data. He suggested the following assumption to aid in evaluating the TIC data for usability. In general, semivolatile TICs identified at concentrations at or below 1,000 ug/kg in soils and 50 ug/l in aqueous samples had low probability of accurate qualification with the matrix spectral library search. The PACE QC manager suggested that TICs quantified at or below these concentrations should be viewed as suspect.

Five TICs were identified in method blanks: 4-hydroxy-4-methyl-2-pentanone and 4-methyl-3-penten-2-one (aldol condensation products), 1,2-propanediol, bis (2-ethylhexyl) ester decanoic acid and 3-hexene-2,5,-dione. As a result, these compounds were not included in further contaminant assessments for any media. Only hits with concentrations greater than those listed above were considered valid, and only compounds identified at a frequency of 10 percent or greater (after application of the concentration rule) were considered in further contaminant assessments (nature and extent, and preliminary risk assessment). Two TICs identified in site samples could not be ruled out as potential site contaminants (a plasticizer-dioctylester hexanedioic acid and a resin intermediate-2,2,4-trimethyl-1,3-dioxolane).

Pesticide QC summaries are provided in Appendix E. All samples were extracted and analyzed within CLP holding times. Surrogate recoveries for the first through fourth 72-hour pesticide analytical sequence were within CLP limits. Surrogate recoveries in the fifth 72-hour sequence were outside CLP limits for 42BW-11, 42MW-1, 42MW-2, 42FB1016, 42MW-3D, 42RB1016, and 42MW-3-MSD. Surrogate recovery difficulties necessitated 'J' flagging of 42MW-1 and 42MW-3D pesticide data.

Matrix spike/matrix spike duplicate analyses were out of compliance in 10 out of 36 cases in the fifth 72-hour sequence. No specific qualification of data was made in response to these findings (per CLP data validation guidance).

In the second and fourth 72-hour sequence, the method blanks were found to contain endosulfan sulfate, dieldrin and gamma-BHC (lindane). As a result, all values for these parameters found in samples analyzed during the second and fourth 72-hour sequences have been 'J' flagged as estimates. It was not believed appropriate to totally eliminate these values due to the presence of these compounds in samples analyzed in other 72-hour sequences.

The PACE case narratives for the metals analysis are provided in Appendix E. In reviewing the data, all initial metals analyses were performed within the EPA CLP holding times. The inorganics initial and continuing calibration verifications were found to be in compliance with the CLP specified calibration criteria, with the exception of sample batch #28 (Appendix E) where the continuing calibration verification was noted to be 1 percent above the QC range for barium. No qualifications were made with respect to the calibration of the barium compound.

Inorganic duplicate/spike analyses were also performed within compliance with CLP specifications; however, certain elements were found outside of control limits and are as reported in the case narratives in Appendix E. Please note that the duplicate/spike analyses were conducted without the corrections made for the percent moisture.

The inductively coupled plasma (ICP) spectroscopy interference check sample analyses and the laboratory control sample analyses were found to meet the CLP criteria with considerations made for those elements outlined in the case narrative in Appendix E.

4.2 Stage 2

E/A&H retained PACE Inc. of Wappinger Falls, New York, to perform the analytical services on all samples collected for analyses during the SI at Site 42 in Stage 2. As part of the analytical data deliverables package, PACE Inc. provided narrative summaries of the data quality and quality control procedures utilized, and QC problems encountered for each set of analytical parameters. These narratives are included as Appendix E. All samples analyzed for the required TCL/TAL parameters were performed within the USEPA CLP holding times.

All volatile organic surrogates and internal standards were found to be within the CLP criteria, with the exception of sample delivery group (SDG) #820316.500. The volatile organic analyses in SDG #820316.500 reported two surrogate recoveries outside of QC limits for samples 42B21-2 and in the re-analysis of sample 42B21-2. The internal standards were found to be within QC limits. The usability of the data is not expected to be influenced by the two surrogate recoveries.

The volatile organic matrix spike/matrix spike duplicate (MS/MSD) were found to meet the CLP QC criteria for spike compounds and relative percent differences (RPDs).

Due to a laboratory oversight, samples for semivolatile analyses were extracted by methodologies stated in the EPA CLP SOW 3/90 but were analyzed by methodologies stated in the EPA CLP SOW 2/88. However, all *CLP SOW for Organics Analysis (OLM01.8 3/90)* criteria were found to be satisfied and the usability of data is not suspected to have been adversely affected.

The semivolatile organic surrogates and internal standards for each SDG are:

SDG #820316.501: Two surrogate recoveries were found just outside of QC specifications in samples 420312FB and one of the laboratory's method blanks. The usability of the data is not suspected to have been influenced by the two surrogate recoveries. No internal standards were found outside of QC specifications.

SDG #820316.500: No surrogate recoveries and no internal standards were found outside of QC specifications.

SDG #820317.502: Five surrogate recoveries and two internal standards were found outside of QC specifications. The poor recoveries were found solely in sample 42SW3. As a result, the sample was re-analyzed, which resulted in similar results. Therefore, the sample was re-extracted and re-analyzed. All results for this sample should be considered estimated.

SDG #820402.506: No surrogate recoveries and no internal standards were found outside of QC specifications.

SDGs in the semivolatile organics analyses were found to have encountered calibration problems.

The calibration problems are as follows per SDG:

SDG #820316.501: The initial calibration on 3/25/92 and on 4/1/92 each contained one compound outside of the CLP relative standard deviation (RSD) criteria. The compounds were hexachloroethane and naphthalene, respectively.

Continuing calibrations were also found to have encountered compounds outside of the CLP RSD criteria as shown in Table 4-1.

Table 4-1 SDG #820316.501 Continuing Calibrations		
Date of Calibration	Compound	% Difference
3/29/92	pyrene	30.1
3/30/92	4-methylphenol	28.9
	isophrone	28.0
	2,6-dinitrotoluene	26.4
4/3/92	2,6-dinitrotoluene	32.6
	pyrene	28.5
	indeno (1,2,3-cd) pyrene	25.3
	terphenyl-d14	29.9

Note: The above compounds have a maximum percent difference of 25.0 percent, as stated in the EPA CLP SOW for Organics Analysis.

SDG #820316.500: The initial calibration on 3/25/92 was found to contain one compound (hexachloroethane) outside of the CLP RSD criteria. The continuing calibrations were also found to contain compounds outside the CLP percent difference criteria as shown in Table 4-2.

Table 4-2 SDG #820316.500 Continuing Calibrations		
Date of Calibration	Compound	% Difference
3/26/92	pentachlorophenol	32.1
3/30/92	4-methylphenol	28.9
	isophorone	28.0
	2,6-dinitrotoluene	26.4

SDG #820317.502: The initial calibrations on 3/25/92 were found to contain one compound (hexachloroethane) outside of the CLP RSD criteria. The initial

calibration on 4/1/92 was also found to contain one compound (naphthalene) just outside the maximum RPD criteria and two compounds (2,6-dinitrotoluene & fluorene) below the minimum relative response factor (RRF) of 0.200 and 0.900, respectively for the 160 ppb standard.

SDG #820402.506: The initial calibration on 4/8/92 were found to contain three compounds (acenaphthylene, naphthalene and fluorene) outside of the CLP RSD criteria.

According to the *EPA CLP SOW for Organics Analysis*, the initial calibrations may fail to meet the minimum RRF criteria at each concentration level and the maximum RSD criteria with allowances made for up to four semivolatile target compounds and surrogate compounds. However, the RRFs for those four compounds must be greater than 0.010 and/or the RSD of those four compounds must be less than or equal to 40.0 percent for the initial calibration to be acceptable.

The continuing calibrations may also fail to meet the minimum RRF criteria or the maximum percent difference (%D) criteria for up to four compounds. However, as in the initial calibrations, the four compounds must have a RRF greater than 0.010 and the percent difference must be less than or equal to 40.0 percent for the continuing calibrations to be acceptable.

As in the discussion of tentatively identified compounds (TICs) from Stage 1, a similar suggestion is advised to be applied in evaluating the TIC data for usability in Stage 2. In general, semivolatile TICs identified at or below 1,000 ug/kg in soils and 50 ug/l in aqueous samples have low probability of accurate qualification with the matrix spectral library search and low probabilities of accurate quantitation as well. In fact, it is suggested that TIC concentrations at or below the above-mentioned concentrations should be viewed as suspect.

The instrumentation in the pesticides/PCB analyses requires the use of dual wide-bore fused silica gas chromatograph columns. A separate electron capture detector (ECD) is used for each column. PACE Inc. performs a simultaneous injection of samples and/or standards into two columns, (BD-608 and DB-5) with a flow splitter to evenly allocate the injection quantities into the two columns. A component of pesticide/PCB is identified if a peak is detected within its appropriate retention time window on both columns. For compounds to be considered as "positive hits" presence must be detected on both columns. Beta-BHC for the pesticide performance evaluation mixture (PEM) analyzed on 4/2/92 on the DB-608 column was found to have a %D = 30.0 percent. The allowable %D for this compound is a 25.0 percent maximum. The DB-5 column was found to meet all requirements for beta-BHC. This finding is not expected to influence the usability of the analytical data and, in addition, no positive concentrations of beta-BHC were detected in any of the samples associated with this PEM. 4,4'-DDT was also found to have a %D = 30.0 percent for the PEM analyzed on 4/3/92 using the DB-608 column. The DB-5 column was found to meet all requirements for 4,4'-DDT. All samples associated with this PEM were quantitated utilizing results from the DB-5 column. It is in the opinion of PACE Inc. that this dilemma will not adversely effect the integrity of the analytical data.

The pesticide/PCB surrogates are as follows for each SDG:

SDG #820316.501: There were 13 soil and two water surrogate recoveries on both GC columns found to be outside the QC limits.

SDG #820316.500: There were three soil and no water surrogate recoveries on both GC columns found outside QC limits. Sample 42B17-2 was found to have 0 % recovery on both GC columns for the tetrachloro-m-xylene (TCX) compound. The cause for the poor recovery is presumed to be from the existence of matrix interferences. The existence of these interferences are also indicated in the MS/MSD data given below.

SDG #820317.502: There were 27 surrogate recoveries on both GC columns found to be outside of QC limits.

The limits for surrogate recoveries are within 60 to 150 percent for tetrachloro-m-xylene (TCX) and decachlorobiphenyl (DCB). However, the limits were designed for advisory purposes only and no further actions are warranted by the laboratory.

The pesticide/PCB QC (i.e. MS/MSD) recoveries for each SDG are:

SDG #820316.501: Sample 42SS10 was designated for low level soil QC in this SDG. Three spike recoveries and no RPDs were found outside of the QC limits.

SDG #820316.500: Sample 42B17-2 was designated for low level soil QC in this SDG. Six spike recoveries and no RPDs were found outside of QC limits.

SDG #820317.502: Sample 42MW-1 was designated for water QC in this SDG. There were no spike recoveries and one RPD found outside of QC limits.

The limits for the matrix spike compound recovery and RPD were intended for advisory purposes only and no further action is warranted by the laboratory.

All inorganics analyses were performed in accordance with the *USEPA CLP SOW for Inorganics Analysis (ILM01.0 3/90)*. All inorganic QC summaries are also included in Appendix E. Samples were analyzed within the CLP specified holding times.

Sample 42SS13D was designated for the duplicate/spike analysis in SDG #820316.501. Problems encountered were found in the low recoveries of the predigestion spike for antimony, thallium and cyanide. Post-digestion spikes were utilized for antimony and cyanide. Results

were reported and qualified with the appropriate "N" flag. Duplicate analyses were found to be within QC limits.

Sample 42MW1 was designated for the spike/duplicate analysis in SDG #820317.502. Problems were found in the low recoveries of the predigestion spikes for antimony, arsenic and selenium. Post-digestion spikes were utilized on antimony. Results were reported and qualified with the appropriate "N" flag. Aluminum and chromium were found to be outside of duplicate QC limits. Duplicate results were reported and qualified with the appropriate "*" flag.

Apparently, severe matrix interferences in SDG #820317.502 have effected the selenium analysis. Most of the selenium analytical spikes were detected with recoveries below 40 percent. As a result, the samples were diluted and re-analyzed. All diluted samples had reported analytical spike recoveries within control limits. However, samples 42MW3 and 42MW4 had analytical spikes at a range greater than 40 percent but less than 85 percent. Results of samples 42MW3 and 42MW4 were therefore qualified with the "W" flag. The increase in the recoveries give an indication that any pre-existing matrix interferences seems to have been diluted out of the samples.

Samples 42MW2 and 42SW3 were detected with arsenic analytical spikes below 40 percent. These samples were diluted and re-analyzed. Sample 42MW2 had a spike recovery of 80 percent. The results for sample 42MW2 were qualified with the appropriate "W" flag. Sample 42SW3 had a spike recovery within QC limits. In addition, there were a number of samples with recoveries between 40 to 85 percent. As a result, the samples were reported with the appropriate "W" flag. Again, the low recoveries give an indication of a slight matrix interference.

In reviewing this section and the case narratives provided by PACE Inc., certain items were discovered in the data validation process. However, any problems identified were considered

minimal and, in fact, the data quality objectives were found to be in accordance with the NEESA Level C criteria and therefore, E/A&H concludes that the overall validity of the analytical data is good.

5.0 NATURE OF CONTAMINATION

The objective of the SI was to determine if contamination was present in the shallow soil and shallow groundwater systems at the Olson Road Landfill. This was accomplished in two stages by collecting samples of surface and subsurface soils, sediments, surface water and groundwater for laboratory analysis. All sample locations are indicated on Figure 2-1, Section 2.4.

A summary of analytical data is presented in Appendix D. Many of the compounds detected were flagged during data validation. The laboratory Data Validation Reports are included as Appendix E; data validation was discussed in Section 4.0 of this report.

Analytical data from Stage 1 indicated four general contaminant groups of concern. Volatile organic compounds were detected in soil samples from borings 42B11 and 42B13 and a grab groundwater sample from borehole 42B11. Semivolatile compounds were detected in soil samples from boring 42B16. Pesticides were indicated in samples from boring 42B7 and groundwater samples from wells 42MW-1, 42MW-2 and 42MW-3. Inorganic compounds were indicated in samples collected from the drainage swale and surface water samples collected from the two site ponds.

Stage 2 was designed to collect additional data around borings 42B7, 42B11 and 42B13, and from the two site ponds. The overall results of Stage 2 indicate that contaminants detected during Stage 1 may be limited in extent. Laboratory data indicated compounds ranging from volatile and semivolatile compounds (mainly petroleum related compounds and wood preservatives compounds) to pesticides. The majority of these compounds may be limited in areal extent and at 5 to 20 feet below the ground surface. Low levels of pesticides were indicated in surface soil samples collected during Stage 2.

5.1 Soil Contamination

5.1.1 Volatile Organics in Soil

The primary volatile contaminants identified in soil samples were trichloroethylene (TCE), dichlorethene (DCE), chlorobenzene, ethylbenzene and total xylenes. These compounds were limited to samples from borings around 42B11, 42B13 (TCE and DCE), and 42B16 (chlorobenzene, ethylbenzene and total xylenes), (Figure 2-1, Section 2.4). Toluene and acetone were detected in a limited number of soil samples; however, these compounds are believed to be laboratory contaminants and were not considered as site constituents (Section 4.2).

Borings 42B11 and 42B13 were completed during Stage 1 and are less than 50 feet apart (Figure 2-1, Section 2.4). TCE was indicated at various depths in these two borings; however, TCE was not detected in adjacent borings, 42B2, 42B12 and 42B15. The absence of TCE in the adjacent borings indicates TCE in soils may be limited in extent.

This area was subjected to additional study during Stage 2 by completing four additional borings, 42B17, 42B18, 42B19 and 42B24. Laboratory analysis detected TCE in several soil samples from the referenced borings. Table 5-1 summarizes TCE "hits" in soil samples from this area. Detected levels of TCE ranged from 1 to 290 ppb where the maximum level was detected in sample 42B19-4 collected from 14 to 16 feet below the ground surface.¹ TCE appears to increase in concentration with increasing depth, reaching maximum concentration around 15 feet below the ground surface. The exception is indicated by data from 42B24 where concentrations are apparently greatest near the surface.

DCE was detected in a total of three soil samples from borings 42B19 and 42B24. Data indicate a general increase in concentration with depth with a maximum concentration of 578 ppb from 14 to 16 feet detected in sample 42B19-4. Other results are: 12 ppb, in 42B19-3 and 11 ppb, in 42B24-2.

¹ Please note that monitoring well 42MW-4 was installed in boring 42B19. TCE was detected in a groundwater sample collected from 42MW4. More discussion is given below.

Table 5-1 TCE Hits vs Sample Depth						
Location	42B11	42B13	42B17	42B18	42B19	42B24
Depth ^a	Sample # (data) ^b	Sample # (data)				
4-5	42B11-2 (7)	--	42B17-2 (8)	--	--	42B24-2 (93)
9-11	42B11-3 (6)	42B13-3 (10)	--	--	42B19-3 (35)	--
14-16	--	--	42B17-4 (43)	42B18-4 (33)	42B19-4 (290)	42B24-4 (2)
19-21	--	42B13-5 (57)	--	--	42B19-5 (180)	--
24-26	42B11-6 (116)	--	--	--	--	42B24-6 (1)

a Depth is in feet below the ground surface.
 b Sample results are in parts per billion.

Chlorobenzene, ethylbenzene, and xylenes were detected in samples 42B16-3C and 42B16-4. Ethylbenzene and xylene are typical components of gasoline, and chlorobenzene is a solvent commonly used in pesticides. Volatile compounds were not detected in samples collected from adjacent soil borings. Sample 42B16-3C was collected from boring cuttings during drilling due to no sample recovery in the 0 to 15 foot range of boring 42B16.

Trichloroethylene is a colorless, mobile, volatile liquid with a chloroform-like odor. It is used as a degreaser, dry cleaning solvent, gas purification agent, and a raw material in organic chemical manufacturing.

Dichloroethene is a colorless liquid and has a slightly irritating, ethereal odor at room temperature. It is used as a solvent for waxes, resins, and acetylcellulose. DCE is a degradation product of TCE.

Chlorobenzene is a colorless liquid and has an aromatic odor similar to chlorinated mothballs. It is used in the manufacture of aniline, phenol and chloronitrobenzene and as an intermediate in the manufacture of dyestuffs and many pesticides.

Ethylbenzene is a colorless liquid with an aromatic odor. It is used in synthetic rubber manufacturing, as a solvent, and is a component of gasoline.

Xylene is a clear liquid which consists of a mixture of three isomers: ortho-, meta-, and para-. Xylene is used in the manufacture of a number of consumer products, is a component of gasoline and a raw material in the synthesis of organic chemicals.

5.1.2 Semivolatile Organic Compounds

Semivolatile contaminants were detected in samples from borings 42B6, 42B12, 42B13, 42B14 and 42B16. These compounds include phthalate esters which are common laboratory contaminants. Phthalate esters may be introduced into the sample during laboratory handling and/or during field sampling. Other semi-volatile compounds detected are typical components of asphalt or asphalt related products, wood preservatives and/or components of gasoline. Table 5-2 summarizes semivolatile compounds detected in the soil samples, including their possible sources.

The majority of these compounds were detected in samples from borings located predominantly in the southern section of the landfill. Since the landfill reportedly received construction debris including wood and asphalt, it is probable that these compounds originated in the debris.

There is an indication that gasoline was released near 42B16; however, the extent seems to be limited. Several of the semivolatile compounds and volatile organic compounds detected in samples from this boring are components of gasoline. These compounds were not detected at notable levels in samples from adjacent borings.

Table 5-2 Semivolatile Compounds in Soils		
Compound	Sample # (Data, ppb)	Use(s)
Benzo(a)pyrene	42B6-6 (519)	Coal Tar, Petroleum Refining
Fluoranthene	42B13-2 (377), 42B16-3C (580)	Wood Pres., Gasoline
Pyrene	42B13-2 (755), 42B14-4 (309), 42B16-3C (1390)	Wood Pres.
Chrysene	42B13-2 (377), 42B16-3C (464)	Motor oil, Gasoline
Benzo(b)fluoranthene	42B13-2 (448), 42B16-3C (394)	Wood Pres., Gasoline
Benzo(k)fluoranthene	42B13-2 (224), 42B16-3C (325)	Wood Pres., Gasoline
Benzo(a)pyrene	42B12-6 (279), 42B16-3C (313)	Wood Pres., Gasoline
Naphthalene	42B14-4 (470)	Wood Pres., Gasoline
2-Methylnaphthalene	42B14-4 (742)	Insecticides, Petroleum refining, Asphalt
Acenaphthene	42B14-4 (1480)	Wood Pres.
Dibenzofuran	42B14-4 (1220)	--
Fluorene	42B14-4 (1030)	Wood Pres.
Phenanthrene	42B14-4 (1240), 42B16-3C (847)	Wood Pres.
Benzo(a)anthracene	42B16-3C (360)	Motor Oil, Gasoline
Indeno(1,2,3-cd)pyrene	42B16-3C (302), 42B24-6 (260)	Motor Oil, Gasoline
Benzo(g,h,i)perylene	42B16-3C (290)	Motor Oil, Gasoline

5.1.3 Pesticides in Soil

Chlorinated pesticides were detected in numerous soil samples. Concentrations were generally less than 15 ppb with three exceptions. Soil samples 42B7-5, 42B14-4 and 42B22-6 were found to contain 170 ppb toxaphene, 35 and 47 ppb methoxychlor, respectively. DDT (4,4-DDT) was detected at low levels at various depths across the site including surface soil samples. Soil samples indicated with DDT are summarized in Table 5-3.

Table 5-3 DDT in Soil			
Sample #	Concentration (ppb)	Sample #	Concentration (ppb)
42SS7	8.8	42B19-3	4.7
42SS8	23.0	42B20-5	4.2
42SS9	10.0	42B21-5	13.0
42SS10	4.9	42B22-2	8.6
42SS11	5.2	42B23-5	7.6
42B17-5	8.0	--	--

Toxaphene was detected in sample 42B7-5 at a concentration of 170 ppb (detection limit of 170 ppb) during Stage 1. Borings 42B20, 42B21 and 42B23 were completed near 42B7 during Stage 2. Toxaphene was not detected in soil samples collected from the additional borings.

Toxaphene (chlorinated camphene) is produced as a yellow, waxy solid with a pleasant piney odor. Toxaphene is nearly insoluble in water. It was used as an insecticide for cotton, early stages of vegetables (peas, soybeans, and peanuts), wheat and other small grains. Current uses are limited to cattle and sheep dipping (under certain provisions), disinfecting buildings and termite, insect, rodent and other pest control (limited application). Toxaphene has not been produced commercially in the U.S. since 1982.

Methoxychlor is produced as a white, crystalline solid dissolved in an organic liquid carrier. It is essentially insoluble in water. Methoxychlor has been used as an insecticide for livestock and poultry, alfalfa, citrus, vegetables, soybeans, deciduous fruits and nuts, and other crops as well as home use, garden and ornamental plants, and forests. A common formulation is methoxychlor with diazinon (1:2 mix).

DDT (dichloro diphenyl trichloroethane) consists of colorless crystals or white to slightly off-white waxy powder with a weak chemical odor. DDT was a low-cost broad spectrum insecticide. It has a long-term persistence in soil. Its use was banned in the United States in 1972.

5.1.4 Inorganic Compounds (Metals) in Soil

Various inorganic compounds were detected in soil samples collected from borings and surface soils. The levels detected were generally below the proposed action levels (40 CFR 264, Subpart S) with the exception of lead and silver. Lead was detected in samples from borings 42B14 and 42B16, and in sediment samples (collected from the swale) 42SS-3 and 42SS-5. The concentration of lead in these samples ranged from 23 to 118 ppm.

Silver was detected in three sediments samples above 100 ppm. These results are as follows: 42SS-1 (202 ppm), 42SS-2 (151 ppm), and 42SS-3 (177 ppm). Only data from 42SS-1 indicated silver concentrations above the action level of 200 ppm.

5.2 Groundwater Contamination

A limited number of compounds were identified in the shallow aquifer. Those compounds detected include volatile organics, semivolatile organics, pesticides and inorganic compounds. Most detected compounds were restricted to a single monitoring well location.

5.2.1 Volatiles in Groundwater

Four volatile organic compounds were identified in groundwater samples: TCE, tetrachloroethene, acetone and benzene.

Trichloroethylene was identified at a concentration of 130 ppb in grab groundwater sample 42BW-11 from boring 42B11, at 3 ppb in a sample from monitoring well 42MW5, and at 4900 ppb in a groundwater sample from monitoring well 42MW-4 (Figure 2-1, Section 2.4). TCE

was not detected in any other groundwater samples. The extent of TCE appears to be limited to the area of 42B11 and 42MW4.

Tetrachloroethene was detected in a groundwater sample collected from 42MW4 at a concentration of 2ppb. This was the only occurrence of Tetrachloroethene.

Acetone was detected at a concentration of 150 ppb in the grab groundwater sample 42BW14 collected from boring 42B14. Although acetone was detected, it is likely a laboratory artifact as concluded during data validation.

Benzene was detected in one sample collected from 42MW2 during Stage 2, at a concentration of 1J ppb (J=estimated). This was the only occurrence of benzene in soil and groundwater samples. The benzene detected in the groundwater from 42MW2 appears to be isolated.

5.2.2 Semivolatiles in Groundwater

One semivolatile compound, 3,3 dichlorobenzidine, was identified in a grab groundwater sample from 42B9 at a concentration of 20 ppb. The lower method detection limit (MDL) for this compound is 20 ppb. The reported concentration is at the MDL and is likely an estimated value.

5.2.3 Pesticides in Groundwater

Three chlorinated pesticides, beta-BHC 4,4-DDT and endrin aldehyde, were detected in groundwater samples. Beta-BHC (beta-hexachlorocyclohexane), was detected in samples from 42MW1 and 42MW3 at 0.11 and 0.13 ppb, respectively. Only one occurrence of DDT was detected in a sample from 42MW1 at 0.048 ppb and just one occurrence of endrin aldehyde was detected in a sample from 42MW2 at 0.2 ppb. Pesticide contamination in groundwater appears to be limited.

5.2.4 Inorganics (Metals) in Groundwater

Various metals were detected in grab groundwater samples collected at boreholes 42B9, 42B11 and 42B14. Metals detected above their secondary Maximum Contaminant Levels (MCLs) include aluminum, barium, beryllium, chromium, lead, mercury, nickel, thallium, and vanadium. Table 5-4 summarizes inorganic compounds detected in groundwater above established action levels and/or MCLs from Stage 1.

Samples Metals	MCL (ppb)	42BW9	42BW11	42BW14	42MW-1	42MW-2	42MW-3	SW-1	SW-2
Al	50/200	49000	56000	9900	1200	690	340	<200	3940
Sb	10/5	B	B	B	B	B	B	B	B
Cu	1300	B	20	B	B	B	B	B	24
Ba	2000	100	930	1100	<200	<200	230	B	1100
Be	1	51	6	<5	B	B	B	B	B
Cd	5	59	9400	21	B	B	B	B	28
Cr	100	63	112	<10	B	B	B	B	B
Fe	300	15000	120000	128000	2200	3200	18000	20000	300000
Pb	15	360	250	1400	8	3	4	3.8	280
Mn	50	38000	1450	4700	240	480	6120	840	8400
Hg	2	5.4	4.7	0.3	<0.2	<0.2	B	B	0.7
Ni	100	900	130	124	<40	<40	B	B	59
Se	50	B	B	<5	<5	<5	B	B	B
Ag	50	B	10	<10	<10	<10	B	B	B
Th	2/1	B	5	B	B	B	B	B	B
Zn	5000	1200	370	740	34	56	B	52	1300

B = Below MCL.

Grab groundwater samples 42BW9, 42BW11, and 42BW14 were collected from borehole water (through the augers) and observed to contain an excessive quantity of suspended solids (muddy

water). A comparison was made of metal concentrations in grab groundwater samples versus metal concentrations in groundwater samples collected from monitoring wells. As a result, metals concentration in grab groundwater samples were noted to be significantly higher. The high metal concentrations in the grab groundwater samples likely reflect the combined concentration of inorganic parameters in water-bearing zone sediments and groundwater.

5.3 Contamination in Surface Waters

No TCL parameters were detected in samples from the two site ponds. However, silver was detected in samples from both ponds collected during Stage 2 at 11.9 ppb in 42SW3 (pond 1) and 5.2 in 42SW4 (pond 2). Iron was detected at 300000 ppb (equal to 300 ppm) in 42SW2 (Figure 2-1, Section 2.4).

5.4 Contamination in Sediment Samples

Silver and lead were detected in sediment samples collected from the swale. Sediment samples 42SS-3 and 42SS-5 had lead concentrations above 20 ppm reported at 23 ppm (42SS-3) and 50 ppm (42SS-5). Silver was detected in all samples collected from the swale in excess of 20 ppm with the exception of 42SS-5. Overall, concentrations appear to decrease downgrade along the swale. Concentrations ranged from 202 ppm (42SS-1) to 10 ppm (42SS-5). Sample locations are indicated on Figure 2-1, Section 2.4.

Two sediment samples, 42SS12 and 42SS13, were collected from the bottom of the ponds. Only one TCL parameter was detected in sample 42SS12; a phthalate compound which was suspected to be a laboratory artifact. Several inorganic compounds were detected in 42SS12; however, all indicated levels were below the appropriate MCLs except silver which was detected at 13.7 ppm. The silver level indicated was consistent with other swale sediment samples, in that silver concentrations generally decrease downgradient from 42SS1.

Acetone was reported at 35 ppb and 80 ppb in sample 42SS13 and 42SS13D, respectively, collected from pond one. Acetone has been identified as a laboratory artifact (Section 4.0).

6.0 PRELIMINARY RISK ASSESSMENT

6.1 Introduction

Some basic observations must be noted before discussing the risk assessment. First, the water quality of the shallow aquifer is poor due to high concentrations of certain metals. Water retrieved from this aquifer for potable supplies would most likely require treatment before consumption.

Secondly, the shallow aquifer (upper undifferentiated aquifers) and the Patapsco aquifer are separated by at least one significant clay confining unit, the Patapsco confining unit. The Patapsco confining unit is estimated to be 200 feet thick in the study area.

Thirdly, a production well is located in the east central portion of the site, building 1728. This well is screened at 433 feet below the surface in the Patapsco aquifer. This well is connected to a high silica system with seven other facility wells. This water supply is used primarily for auxiliary steam production but, is also used as a potable water supply. The production well will be sampled as part of Phase II of the SI at IHDIVNAVSURFWARCEN. This well was the source water for decontamination of all augers and downhole drilling equipment. Field blank samples along with rinsate samples were collected from the source water.

6.2 Potential Contaminant Concerns and Potential Risk Issues

The primary volatile contaminants of concern with respect to site soils are trichloroethylene, dichloroethene, chlorobenzene, ethylbenzene, and total xylenes. These contaminants were isolated to soil borings 42B11 (TCE), 42B13 (TCE), 42B16 (chlorobenzene, ethylbenzene, and total xylenes), 42B17 (TCE), 42B18 (TCE), 42B19 (TCE and DCE), and 42B24 (TCE). Widespread volatile contamination does not appear present in site soils. These contaminants were identified at depths from 4 to 25 feet below ground surface, and the hits are isolated to specific areas of the landfill. Due to their volatile nature and pattern of identification, it is unlikely that significant concentrations exist in site surface soils. Two surface soil samples

unlikely that significant concentrations exist in site surface soils. Two surface soil samples (SS14 and SS15) collected during Stage 2 of the SI were found to contain low concentrations of toluene (< 5 ppb). SS15 also contained 120 ppb Dichlorobenzene. These volatile hits were isolated to a small portion of the site (Figure 2-1, Section 2.4). Therefore, the likelihood of chronic exposure (through direct ingestion or dermal contact) to these contaminants is low. The proposed soil action level criteria (as set forth in *Federal Register*, Vol.55, No.145, July 27, 1990 Proposed Rules 40 CFR 264, Subpart S) for these compounds are as follows:

Trichloroethene	60 ppm
Dichloroethene	10 ppm
Ethylbenzene	8000 ppm
Total Xylenes	200000 ppm
Toluene	2000 ppm

On the basis of the proposed action limits, it would not appear that these soil contaminants would pose a significant human health threat from the direct ingestion and dermal contact pathway (assuming chronic exposure).

TCE was identified in groundwater at a concentration of 130 ppb at boring location 42B11, and in monitoring wells MW4 (4900 ppb) and MW5 (3J ppb). These values indicate that TCE is present in shallow groundwater at concentrations in excess of the MCL of 5 ppb. Tetrachloroethene was also detected in MW4 (2J ppb). Benzene was detected in 42MW2 at a concentration of 1J ppb which is below the MCL of 5 ppb. The potential does exist for ingestion of contaminated groundwater due to the relative location of a production well, building 1728, to the site. At the present time, there are no potable water wells in the vicinity of the identified groundwater TCE contamination. However, the presence of volatile parameters at these locations justifies further investigation for soils and groundwater.

Tentatively identified semivolatile contaminants were indicated for several soil samples; however, only two compounds, dioctyl ester hexane-dioic acid and 2,2,4-trimethyl-1,3-dioxlane, were considered significant after data validation. These compounds were detected in 18 of 91 soil samples (approximately 20 percent) ranging from 162 to 13000 ppb with a mean of approximately 1680 ppb.

Many of the remaining detected compounds were phthalate ester hits (those at or below the contract required qualification limits) which may be attributed to exogenous sources including sample handling, both within the laboratory and in the field, and discarded plastic products identified in some of the soil samples. Also, these compounds are common laboratory contaminants. The remaining semivolatile parameters could potentially be attributed to asphalt or similar products previously disposed of in the landfill area. These contaminants were isolated to soil borings 42B13, 42B16, 42B14, 42B12 and 42B24 at depths from 5 to 26 feet below the ground surface. Surface soil sample 42SS15 was found to contain 4-Methyl phenol (p-Cresol) at a concentration of 140J ppb. No other surface soil sample was found to contain target semivolatile parameters. As a result, the potential for direct ingestion or dermal contact with most of these contaminants is minimal (in the absence of significant alteration of existing soil conditions, i.e. excavation). The isolated presence of 4-Methyl phenol would tend to preclude chronic exposure during normal site activities.

One semivolatile contaminant was identified in site groundwater (3,3'-dichlorobenzidine). The contaminant was identified at boring location 42B9 at a concentration of 20 ppb (detection limit = 20 ppb). The proposed soil action level criteria for 3,3'-dichlorobenzidine (Proposed Rules 40 CFR 264, Subpart S) is 2 ppm. As a result, 3,3'-dichlorobenzidine does not appear to pose a human health threat from the direct ingestion and dermal contact pathway based on the observed concentrations in site soils.

Chlorinated pesticide contaminants were found in site soils at boring locations 42B7, 42B10, 42B12, 42B13, 42B14, 42B15, 42B16, 42B17, 42B19, 42B20, 42B21, 42B22, and 42B23. Concentrations were generally less than 15 ppb with two significant exceptions. Soil sample 42B7-5 was found to contain 170 ppb toxaphene, and soil samples 42B14-4 and 42B22-6 were found to contain 35 and 47 ppb methoxychlor, respectively. Surface soil samples 42SS7, 42SS8, 42SS9, 42SS10, and 42SS11 were found to contain DDT at concentrations ranging from 4 to 23 ppb.

The minimum media protection standard for toxaphene (Proposed Rules 40 CFR 264, Subpart S) is 600 ppb in soils. The concentration of toxaphene found in one onsite sample is well below this proposed level. Due to the depth at which both methoxychlor and toxaphene were found (15 to 20 feet below the ground surface), the potential for direct ingestion or dermal contact is minimal. In addition, neither contaminant was identified in groundwater samples collected onsite and each has a high partition coefficient with respect to soil organic carbon. As a result, the existing exposure risk from groundwater consumption is low to non-existent, and the potential for partition to the water phase is minimal. Therefore, the exposure risk for toxaphene and methoxychlor is low.

The proposed soil action level criteria for DDT (Proposed Rules 40 CFR 264, Subpart S) is 2,000 ppb. The concentrations of DDT identified in site surface soils were well below this standard. As a result, DDT does not represent a significant human health risk from the direct ingestion and dermal contact pathway.

Three chlorinated pesticide compounds were identified in site groundwater. These compounds were beta-BHC (beta-hexachlorocyclohexane), endrin aldehyde, and DDT. The concentration meeting criteria for action levels in water for beta-BHC (Proposed Rules 40 CFR 264, Subpart S) is 0.2 ppb. The beta-BHC concentrations observed in site groundwater were approximately one-half this standard. The MCL for endrin (endrin aldehyde precursor used for assessment)

is 0.2 ppb. The level of endrin aldehyde identified in one site groundwater sample was 0.22 ppb (slightly above the endrin MCL). The proposed groundwater action level criteria for DDT is 0.1 ppb. The one DDT hit observed (MW1) was 0.048J ppb. Due to the high partition coefficients for these compounds, it is likely that the concentrations observed were a combination of dissolved and sediment-bound contaminants.

Current exposure risk to groundwater chlorinated pesticides contaminants is low because the screened water table aquifer is currently not used as a potable water source. A significant future health risk is unlikely due to the isolated occurrence of these groundwater contaminants and their transport characteristics.

Metals concentrations in site soils were generally well below the proposed action levels (40 CFR 264, Subpart S) with the exceptions of lead and silver. Soil samples from borings 42B-14 and 42B-16 and sediment samples 42SS-3, 42SS-5 and 42SS-13 had lead concentrations above 20 ppm. Toxicological data indicate that soil lead is not bioavailable at concentrations below 200 ppm. Only one soil sample (42B-14D) had a lead concentration above 200 ppm (376 ppm). The highest sediment lead concentration identified was 59 ppm in sediment sample 42SS-5. In soil borings, elevated lead concentrations existed at depths ranging from 5 to 10 feet below ground surface. At depth, the potential for direct ingestion or dermal contact exposure from the standpoint of site soils is low. Furthermore, the limited extent of lead contamination lessens the overall exposure potential. The Ambient Water Quality Criteria for freshwater aquatic environments are 82 ppb (acute) and 32 ppb (chronic). Surface water samples 42SW-3 and 42SW-4 were found to have lead concentrations below 5 ppb. This would indicate that downstream receptors (in aquatic media) are not at risk on the basis of observed surface water lead concentrations.

The proposed action level for silver is 200 ppm. Only one sediment sample (42SS-1) had a silver concentration in excess of the action level (202 ppm). The swale was identified as the

only area onsite which produced samples with elevated silver concentrations (>25ppm). Although the exposure potential relative to this limited area is low, the existence of elevated silver levels in the swale is a concern relative to downstream receptors in associated media (i.e. surface waters). It is possible that silver contained in sediment may be transferred to the surface water phase. The Ambient Water Quality Criteria for freshwater aquatic environments are 0.92 ppb (acute) and 0.12 ppb (chronic). Surface water samples 42SW-3 and 42SW-4 were found to contain 11.9 ppb and 5.2B ppb silver, respectively. As a result, the drainage swale area may warrant further investigation (relevant to silver) and/or remedial action.

The levels of groundwater metals onsite were elevated for aluminum, barium, beryllium, chromium, lead, mercury, nickel, thallium, and vanadium (with respect to MCLs). Iron, aluminum, and silver were detected at concentrations above their respective secondary MCLs. This assessment must be qualified, however, in light of the high sediment content of certain (grab) groundwater samples. Grab groundwater samples 42BW9, 42BW11, and 42BW14 were collected from borehole water (through the augers) and observed to contain an excessive quantity of suspended solids (muddy water). A comparison was made of metal concentrations in grab groundwater samples versus metal concentrations in groundwater samples collected from monitoring wells. As a result, metals concentration in grab groundwater samples were noted to be significantly higher. The higher metal concentrations in the grab groundwater samples likely reflect the combined concentration of inorganic parameters in water-bearing zone sediments and groundwater. Direct ingestion of unfiltered groundwater is an unlikely scenario. To complete a Baseline Risk Assessment, both filtered and unfiltered groundwater samples should be collected from the site monitoring wells and analyzed for metals. The Baseline Risk Assessment will be a component of future investigations.

7.0 REMEDIAL ACTION ALTERNATIVES

Based on the results of the SI the only contaminant of concern for potential groundwater remedial action is TCE. TCE was detected at a concentration of 4900 ppb in a groundwater sample collected from monitoring well 42MW4. Field and laboratory data indicated that TCE contamination is limited in extent to the area of 42B11 and 42MW4. Further investigation is required to determine whether a plume exists and if so, the extent of the plume.

As discussed in Section 6.0, the likelihood of groundwater from the shallow aquifer being used for potable supplies is minimal. The need for remedial action is somewhat dependent on the potential use(s) of the shallow aquifer. A production well (Building 1728) is screened at a depth of 433 feet and is about 200 feet east to 42B11 and 42MW4 where TCE was detected. At least one significant confining layer exists between the shallow aquifer where TCE was discovered and the aquifer where the production well is screened. Further investigation is required to fully evaluate the migratory pathways of TCE.

If further investigation indicates groundwater treatment is necessary, the most common method of treatment is air-stripping. However, detailed design of an air-stripping treatment system is not justified until results of additional field investigations are available. A typical system would consist of one or two recovery wells pumping the groundwater to an air-stripper onsite. The location and capacity of the recovery wells would be based on pump tests conducted during subsequent stages of field investigations. The size of the air-stripper would be based on the pumping capacity of the recovery wells. If a plume of TCE contamination exists, it is expected to be localized. In this case, the groundwater treatment may be complete in as few as five years. Under these relatively short-term conditions, leasing the air-stripping equipment may be more cost effective than purchasing the equipment.

Preliminary data indicate that inorganics such as iron and manganese are present in the groundwater. Inorganics can interfere with the treatment efficiency of an air-stripper. Inorganic

concentrations in groundwater should be analyzed in the next stage of investigation. Pretreatment of the groundwater to remove inorganics may be required depending on the inorganic concentrations and the design flow rate for the stripper.

The available data do not indicate a need to consider source remediation. If results of the additional field investigation warrant it, source remediation will be addressed.

Pesticides were detected in soil samples from borings 42B7, 42B12, 42B14, 42B16, and 42B22 and surface soil samples collected north of the dirt road. Based on the low concentrations detected during this SI and the immobility of pesticides in soil, no remedial action is recommended. However, if the results of additional field activities show pesticide concentrations above the MCLs and that groundwater treatment is necessary, carbon adsorption is the recommended method of treatment.

One or two recovery wells would be needed to pump contaminated groundwater to the carbon adsorption equipment. The location, size, and capacity of the wells would be determined by pump tests during the subsequent field investigations. The size of the carbon adsorption equipment would be based on the pumping capacity of the recovery wells and the concentrations of pesticides. Contamination is expected to be localized and the length of time required for treatment is anticipated to be short-term requiring only one or two years. Leasing carbon adsorption equipment may be more cost effective than purchasing it for short-term treatment.

If the results of additional field investigations show pesticide concentrations in soil require remedial action, the recommended remedial action is removal of the contaminated soil. There is no practical method of treating pesticides in-situ in soil. Ex-situ treatment of soils may include bioremediation.

Silver was detected in the drainage swale above the proposed MCL for soils. If additional investigation indicates that a remedial action is warranted, removal would be the most practical approach.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the SI at Olson Road Landfill, it appears that the shallow soil and groundwater systems have been impacted. Data collected during this study indicate that contamination is limited in extent and generally at low levels.

Soil contamination consists of TCE, gasoline and asphalt-related compounds, and pesticides. These compounds are generally limited to filled areas in the southwest portion of the site. TCE was identified at boring locations 42B11, 42B13, 42B17, 42B18, 42B19 and 42B24. Components of gasoline were identified at boring 42B16, and semivolatile compounds associated with asphalt and wood preserving were detected at borings 42B14 and 42B16. Various pesticide compounds were detected; however, only two compounds, toxaphene (42B7), and methoxychlor (42B14) were at notable concentrations.

Silver was identified in sediment samples collected from the swale along the northwest and southwest portion of the site. Concentrations of silver in sediment samples 42SS1 through 42SS6 appear to decrease in concentration downgradient from 202 ppm (42SS1) to 10 ppm (42SS5). The exception to this was the noted increase in concentration of silver of sample 42SS6 (99 ppm) to that of 42SS5.

Compounds identified in the shallow aquifer include two volatile organic compounds, one semivolatile compound and three pesticides. TCE was identified in groundwater samples from 42MW4 and 42MW5 and a grab groundwater sample collected from boring location 42B11. Acetone was detected in a grab groundwater sample collected from boring 42B14. One semi-volatile compound, 3,3 dichlorobenzidine, was detected in a grab groundwater sample collected at 42B9. Endrin aldehyde was detected in groundwater samples from wells 42MW-1 and 42MW-3 and beta-BHC was detected in a groundwater sample from 42MW-2. DDT was detected at a low level in a groundwater sample from 42MW1.

The preliminary risk assessment concluded that exposure from contaminated soil is unlikely unless contaminated areas are extensively excavated. This conclusion is based on the apparent isolated extent of soil contamination and the depth at which contaminants were detected.

Exposure risk from contaminated groundwater depends on the use of the shallow aquifer as a potable water source and cross contamination of the lower Patapsco aquifer. Due to the notable concentrations of metals in groundwater samples and the accessibility of the better quality water from the Patapsco aquifer, it is highly unlikely that the shallow aquifer will be used for potable supplies. A clay confining unit (Patapsco confining unit) is stratigraphically situated between the shallow aquifer and the Patapsco aquifer. This confining unit is estimated to be approximately 200 feet thick beneath the site. (The boring log for production well at Building 1728 is included in Appendix B). Ascertaining the potential for cross contamination between the upper and Patapsco aquifer systems would require a constant rate aquifer test.

Further investigation(s) should be completed to determine the areal extent of contamination at the site. Both soil and groundwater investigations are necessary to fully determine the nature, extent and possible remedial alternatives of contaminants. This investigation should involve the installation of additional soil borings and groundwater monitoring wells. Necessary data should be collected to fully define the extent of soil and groundwater contamination, paths of contaminant migration and characteristics of the shallow aquifer. The data are required to evaluate the need for remediation and to determine the appropriate remedial action, if necessary.

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APPENDIX A

GEOPHYSICAL REPORT



PROJECT #44.2631

GEOPHYSICAL INVESTIGATION

AT THE

**NAVAL ORDINANCE STATION
INDIAN HEAD, MD**

Prepared for:

**ENSAFE/ALLEN & HOSHALL
5724 Summer Trees Drive
Memphis, TN 38134**



1.0 OVERVIEW

On October 7th - 9th, 1991, LGI, a division of Layne GeoSciences, Inc., performed a magnetometer and ground penetrating radar (GPR) investigation at the Naval Ordnance Station located in Indian Head, Maryland. The purpose of this geophysical investigation was to locate and delineate the extent of potentially buried drums or other buried metal objects within the area of the proposed Assembly Building #1, P-059D (see Figure 1). Due to the ferromagnetic nature of the suspected drums and the relative lack of cultural interferences (fences, power lines, and buildings, etc.), a magnetometer survey was selected as the initial geophysical exploration technique. In areas of anomalous magnetometer readings, a GPR survey was performed to further delineate and describe the cause of the magnetic anomalies.

2.0 MAGNETOMETER SURVEY

2.1 Theory and Instrumentation

The magnetic method is a non-destructive, non-invasive geophysical technique used to detect local perturbations in the earth's magnetic field caused by buried ferromagnetic objects. A magnetometer is the device utilized to measure the earth's natural magnetic field. The earth's magnetic (geomagnetic) field induces magnetization in magnetically susceptible objects/materials. The presence of such an object in the natural magnetic field alters the field in both magnitude and direction. This induced magnetic field is superimposed on the geomagnetic field, giving rise to regions of anomalous behavior. This behavior is dependent on several variables, including target to sensor distance, target material, target mass, geometry, and orientation.

For this investigation, LGI utilized a GEM-2 proton precession dual magnetometer system or gradiometer configuration. The gradiometer system consists of two proton precession magnetometer sensors separated vertically by 56cm. This gradiometer configuration permits an instantaneous determination of the total magnetic field over a fixed vertical distance. The advantages of this technique are the ability determine vertical field gradient while being relatively insensitive to the horizontal gradient component, and eliminates the need to re-occupy a base station. Base station re-occupation is required to correct for natural time varying magnetic field changes (diurnal variations). Because the gradiometer instantaneous differences between two sensors, the effect of the diurnal variation is canceled.

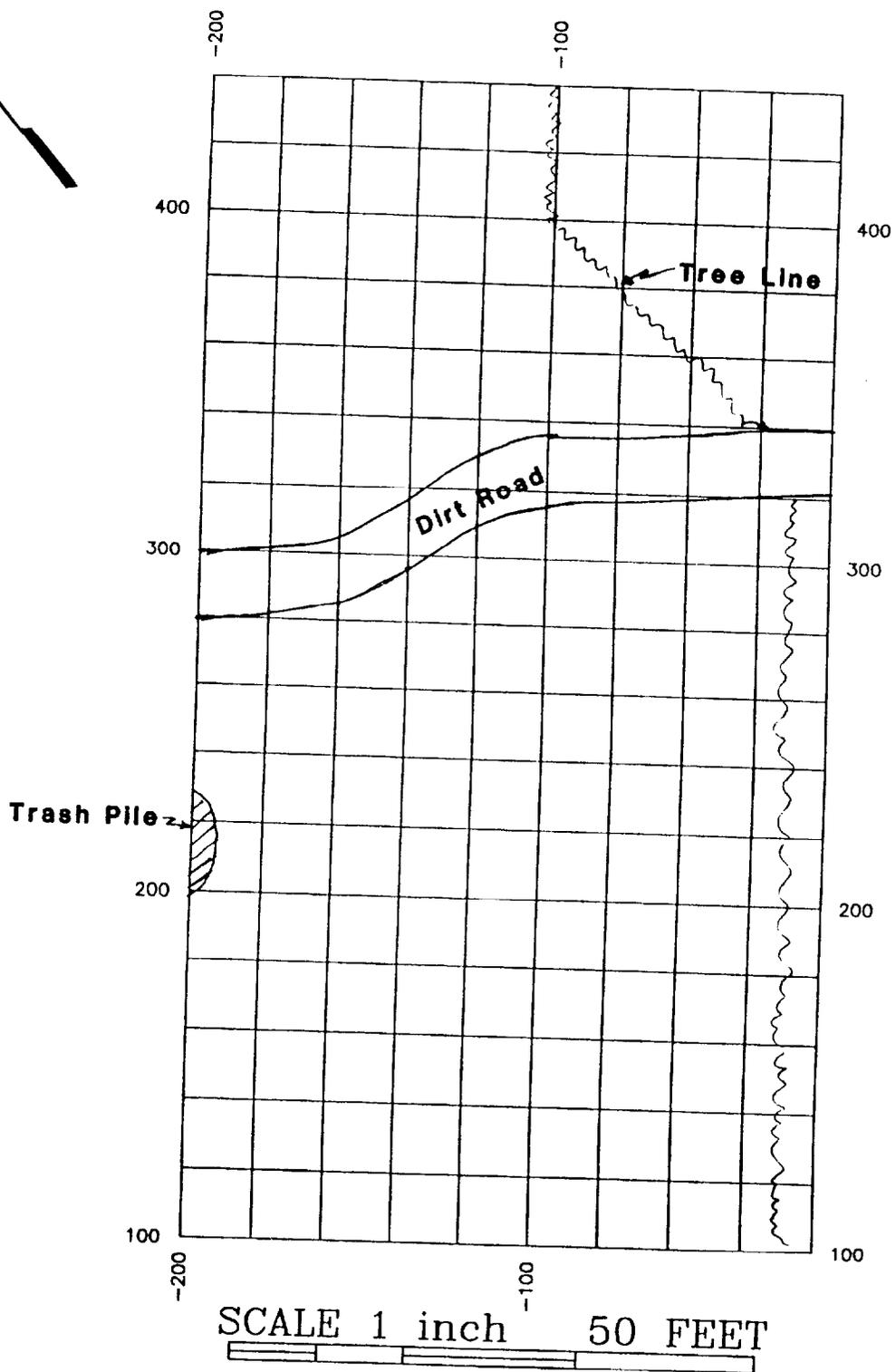


Figure 1: Site Reference Map



2.2 Field Design

In total, approximately 650 data points were collected during the magnetometer investigation (see **Figure 2** for relative magnetic data point locations). A total area in excess of 1.5 acres was designated for the gradiometer survey. To establish surveying control on the site, two baselines were measured from existing survey features and corners of each investigation area were staked. A 20' x 20' control grid was established referencing the following survey points:

<u>Magnetometer Survey Point</u>	<u>NOS Survey Location</u>
440/100	Baseline 2+00
340/100	Baseline 3+00
320/180	NW building corner
320/40	7' south of SW building corner

The actual data was collected on a 10' x 10' grid pattern by bisecting the control grid. Locations of scrap, buildings, and other potential sources of expected magnetic interference were noted by the project geophysicist during the course of data collection.

2.3 Interpretation

Values for the magnetic gradient and the lower magnetometer sensor were recorded by the GEM-2 system and downloaded to a computer. **Figure 3** represents the Magnetic Gradient for the project area, created by smoothing, filtering, and contouring the data.

The results of the gradiometer investigation indicated that there several anomalous features within the study areas. The larger, more continuous areas are generally located in the norther portion of the site, and is an area of near surface scrap metal. **Figure 4** displays the anomalous zones targeted for further investigation via ground penetrating radar (GPR).

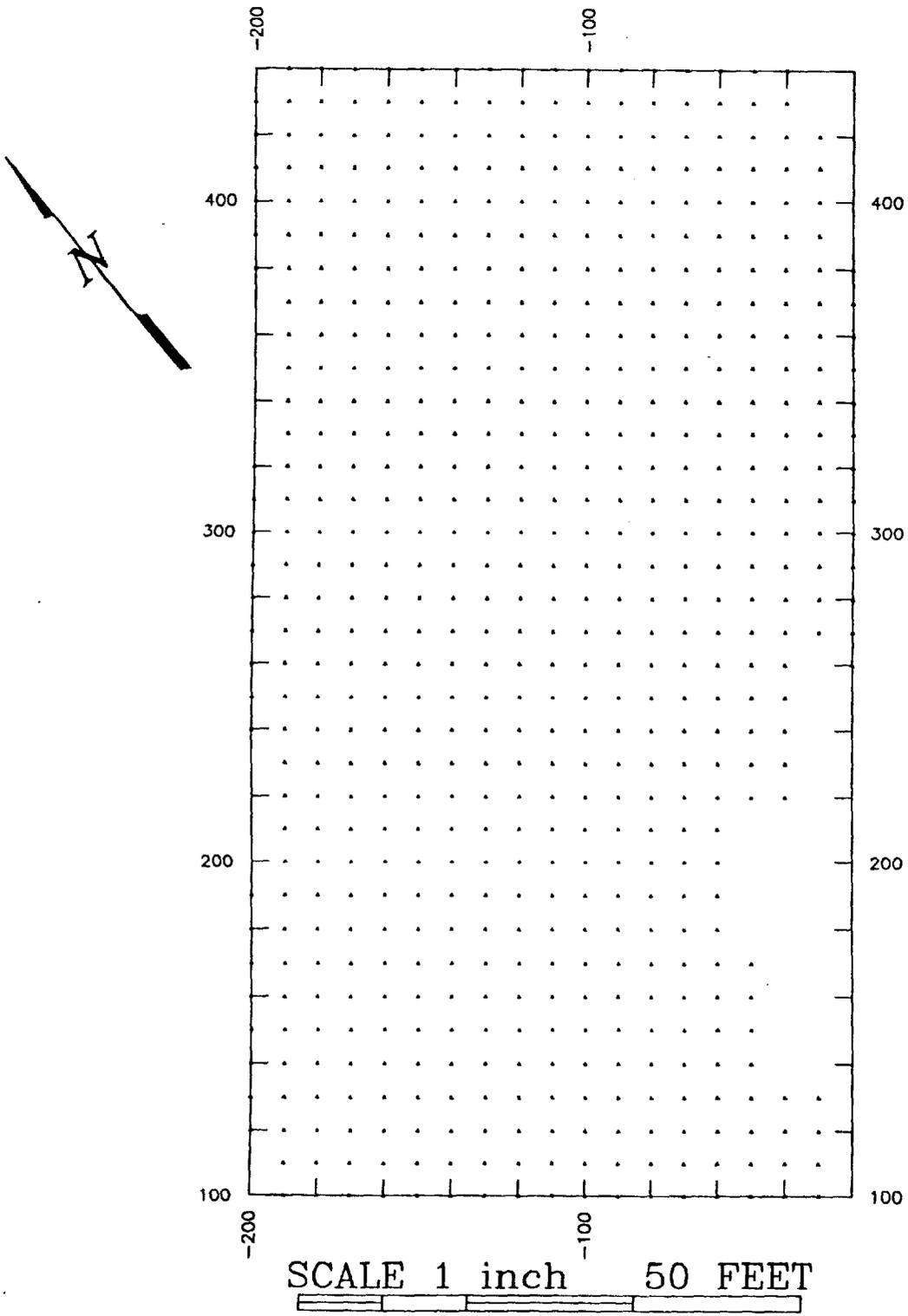


Figure 2: Magnetic Data Points

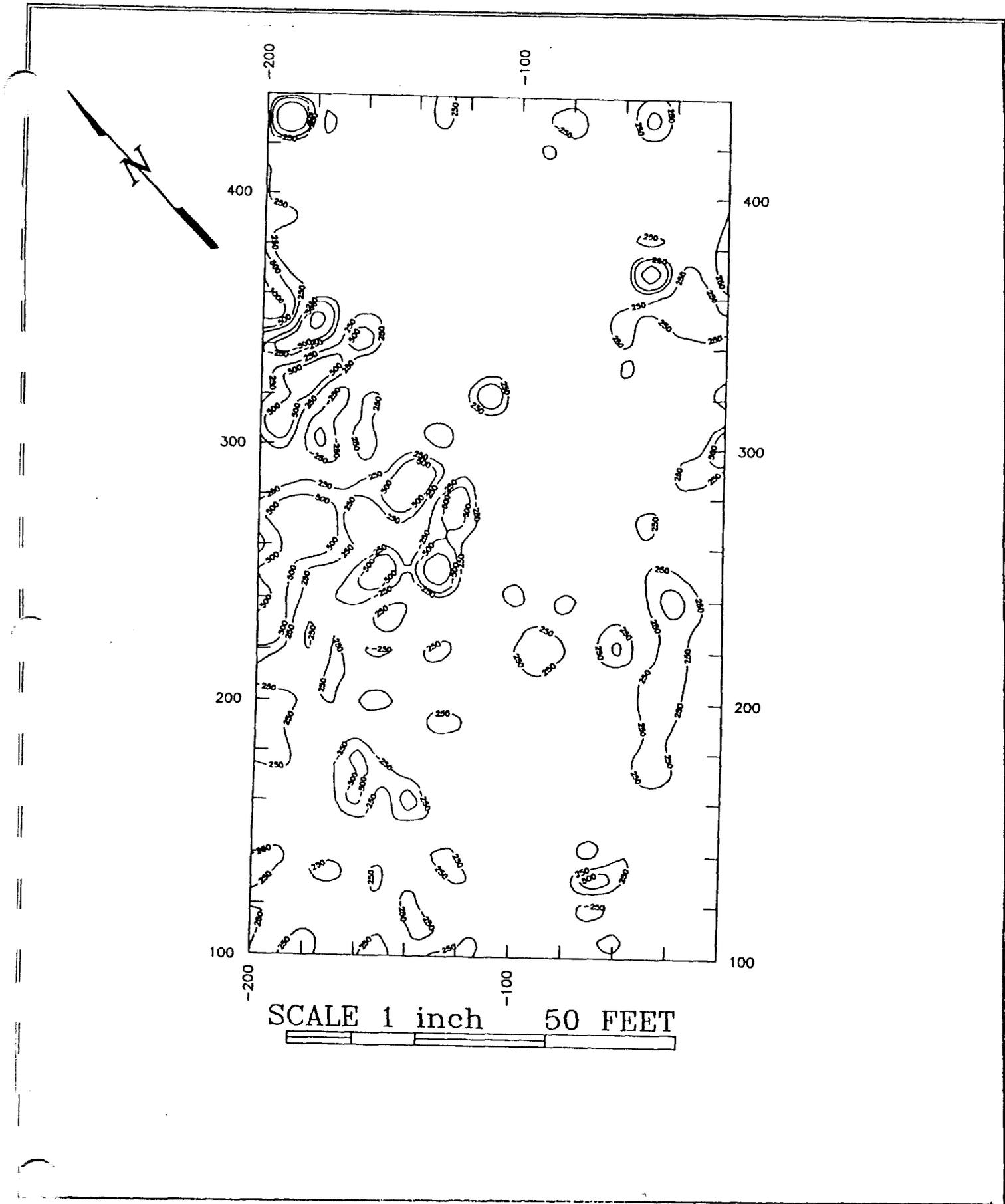


Figure 3: Magnetic Gradient

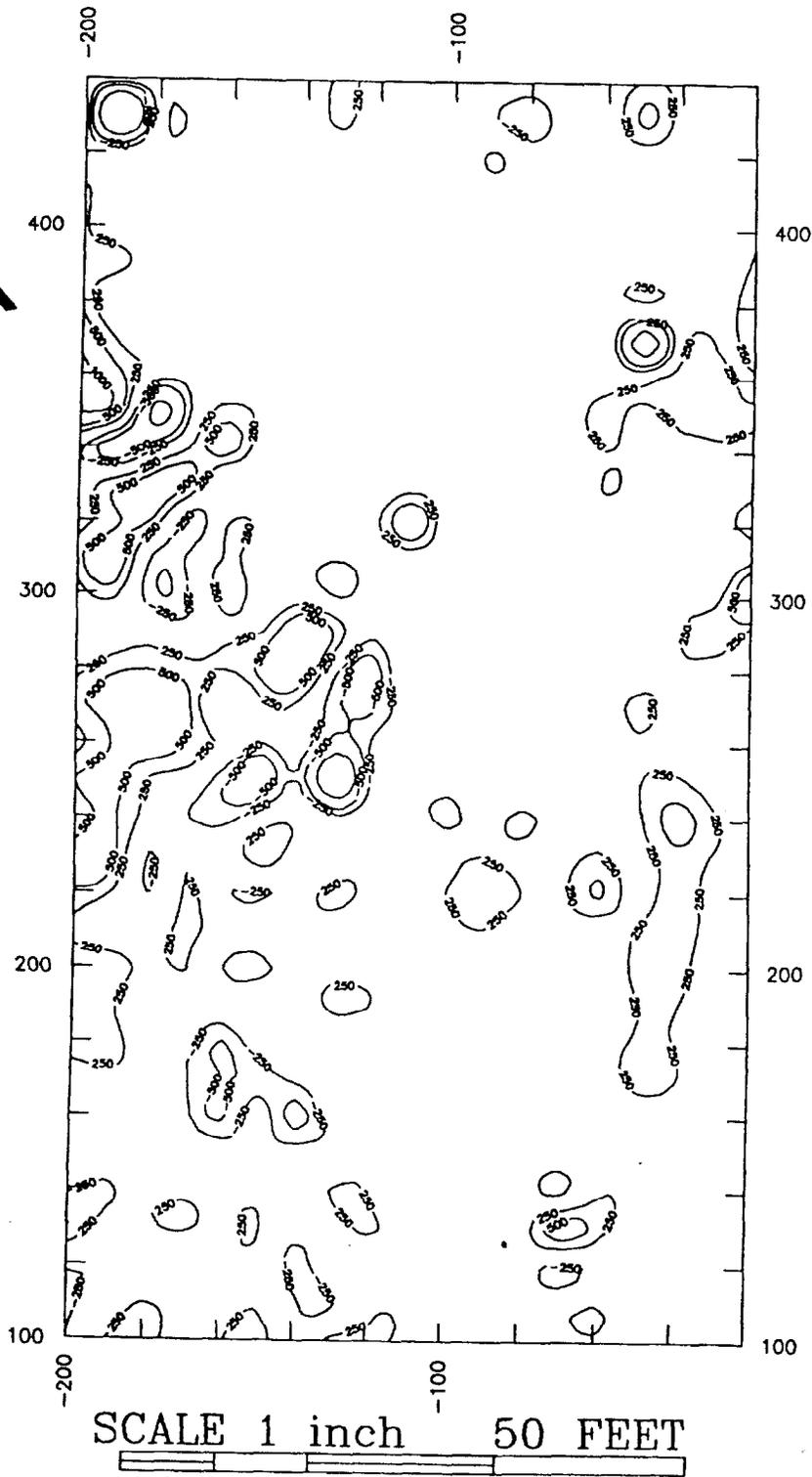


Figure 4: GPR Study Areas



3.0 GROUND PENETRATING RADAR SURVEY

3.1 Theory and Instrumentation

The GPR technique is a non-destructive, non-invasive geophysical methodology. The GPR method involves the transmission of very high frequency electromagnetic waves into the subsurface and detecting the resulting waves as they reflect off subsurface objects or features. Electromagnetic (EM) wave transmission and reflection is dependant upon the electrical properties of subsurface materials. For example, natural clay rich soils are relatively good conductors; as a result they limit the penetration of the GPR method. Conversely, resistive materials, such as dry sands or unsaturated bedrock, are conducive for deeper GPR penetration depths. In general, the GPR exploration depth will be limited by the presence of thick clay layers and/or concrete. Because of the very high frequency nature of GPR, high resolution details of the subsurface can be discerned. Since the drums, pipes, and tanks are excellent conductors, strong reflections can be anticipated from the soil-metal electrical contrast.

A GSSI System 3 Subsurface Interface Radar (SIR) unit was utilized for this survey. A 500 MHz transceiver was utilized as the radar source/receiver unit. The design depth of penetration was approximately ten feet (10').

3.2 Field Design

In total, ten (10) areas identified by the magnetometer survey were investigated by GPR. The magnetometer reference grid was utilized for the GPR survey. Survey lines were conducted in both a North-South and East-West direction over each area to more accurately identify the target anomalies.

3.3 Interpretation

All areas, with the exception of the anomaly in area 240/40, were identified by the GPR as buried, near surface scrap metal such as construction debris, strapping, and miscellaneous ferrous objects. The GPR profile of the 240/40 area anomaly is displayed in Figure 5. This parabolic reflection displayed on the profile is typical of a buried drum. Field delineation of the anomaly was performed by marking the ground surface directly above the mapped anomaly with environmentally safe marking paint.

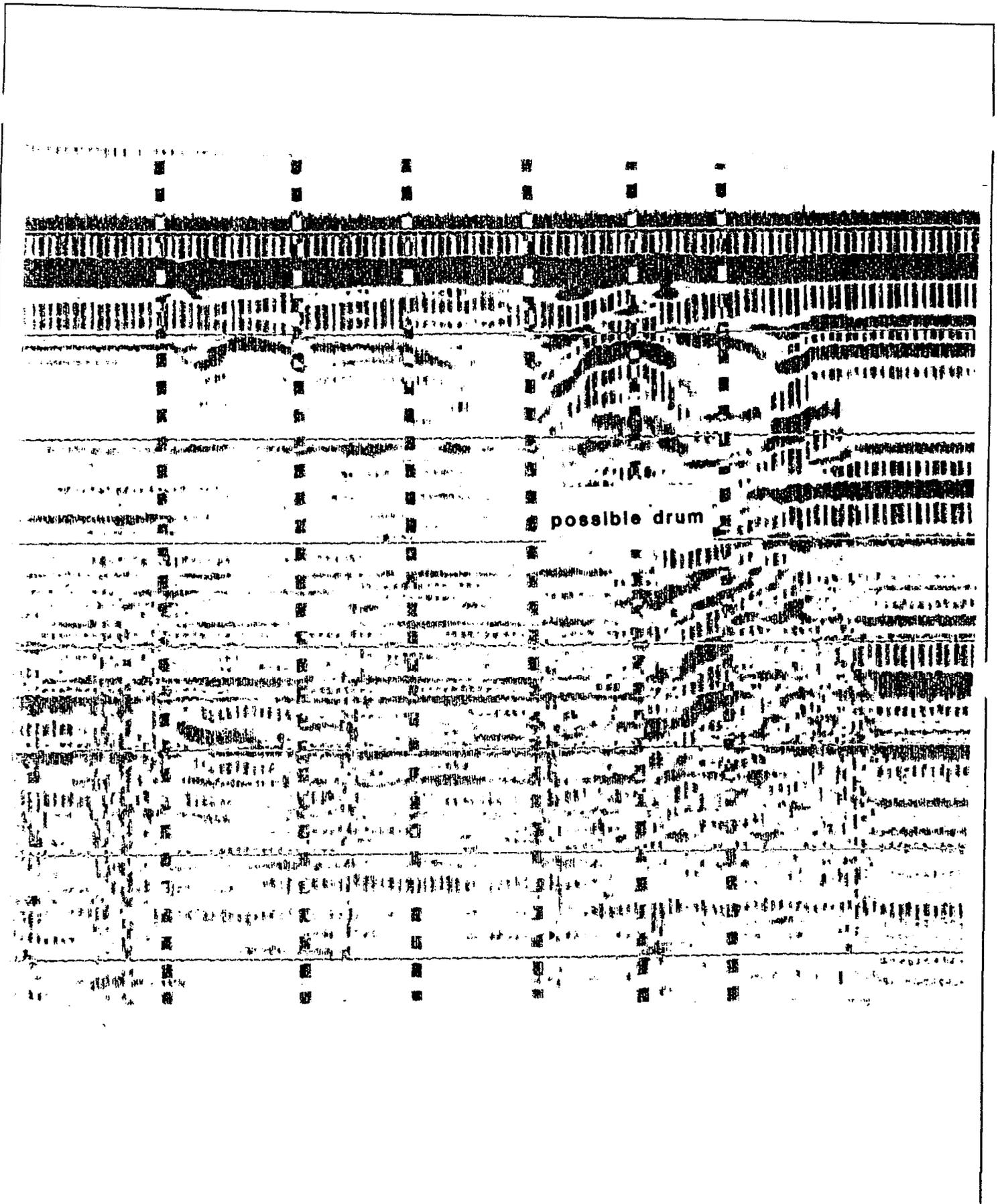


Figure 5: GPR Profile (240/40)



4.0 CLOSING

The field procedures and interpretative methodologies used in this project are consistent with standard, recognized practices in geophysical investigations. The correlation of geophysical anomalies with probable subsurface features is based on the past result of similar surveys although it is possible that some variation could exist at this site. This warranty is in lieu of all other warranties either implied or expressed. LGI assumes no responsibility for interpretations made by others based on work performed by or recommendations made by LGI.

APPENDIX B

BORING LOGS

DATE OF BORING: 10/09/91

DESCRIPTION OF SUBSURFACE MATERIALS

BG (BACKGROUND) = .02ppm BBG = BELOW BACKGROUND

SAMPLE No. & DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS	DESCRIPTION
1 0-2	SS	25	15	1340	BG	(0-2 feet) Very dry silty clay. Tan with roots. Not enough recovery for sample.
2 4-6	SS	100	20	1345	BG	(4-6 feet) Sand and silt fine grained sand with some silt, dry.
3 9-10	SS	100	12	1440	BG	(9-10 feet) Brown silty clay with some fine sand. Clay brown mottled with gray clay.
4 14-16	SS	100	16	1453	BG	(14-16 feet) Clay, stiff brown with reddish iron streaks. Some organics. Dry.
5 19-21	SS	100		1456		(19-21 feet) Stiff medium dark brown clay with organics and lignite.
6 24-26	SS	100	15	1505	BG	(24-26 feet) Brown clay, 24.0 to 24.5 feet. Medium grained, well sorted sand 24.5 to 26.0 feet, wet.

WATER TABLE @ 25'

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING B1
 SITE 42
 NSWC Indian Head, MD.

DATE: 04/10/92

DWG NAME: IHBOR1

DATE OF BORING: 10/10/91

DESCRIPTION OF SUBSURFACE MATERIALS

BACKGROUND VAPOR READING = <0.1ppm

SAMPL. No. & DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS	DESCRIPTION
1 0	SS	25	18	0840	BG	(0-2 Feet) Orange brown silty clay with some sand and a trace of organics.
2 5	SS	75	15	0844	BG	(4-6 Feet) Orange and gray mottled clay with some silt.
3 10	SS	100	12	0855	BG	(9-11 FEET) Silty sand, brown with gray clay, wet, (9.0 to 9.5 feet). Clayey silt mottled with brown clay silt, slightly moist (9.5 to 11.0 feet).
4 15	SS	100	22	0914	BG	(14-16 FEET) BROWN-ORANGE CLAY WITH SOME GRAY MOTTLES. MINOR ORGANICS, STIFF AND DRY.
5 20	SS	73	8		8	(19-20 Feet) Brown orange sandy silt, firm dry (19.0 to 20.0 feet). Gray and orange clay with some silt, firm and wet (20.0 to 21.0 feet). Groundwater @ 20.5 feet.
6 25	SS	100	13		3	(24-26 feet) Fine grained sand with silty & clays, brown and wet.

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING B2
 SITE 42
 NSWC Indian Head, MD.

DATE: 04/09/92

DWG NAME: IHBOR2

DATE OF BORING: 10/10/92

DESCRIPTION OF SUBSURFACE MATERIALS

BACKGROUND VAPOR READING = 0.2 ppm

SAMPL No. & DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS	DESCRIPTION
1 0	SS	100	15	1037	BG	(0-2 Feet) Sandy silt-very hard Brown to tan (0 to 0.5 feet). Sand and gravel with quartz, Sand is medium to coarse grained, gravel is fine grained (0.5 to 1.3 feet).
2 5	SS	100	15	1037	BG	(4-6 Feet) Silty clay, brown mottled with gray clay, with some organics.
3 10	SS	100	14	1045	BG	(9-10 Feet) Gray to brown silty sand. Sand is fine to medium grained and poorly sorted.
4 15	SS	100	19	1100	BG	(14-16 Feet) Silty clay with fine grained sand and some organics. Orange to brown, stiff and dry.
5 20	SS	100	20	1105	BG	(19-21 Feet) Brown to orange silty clay with organics (19.0 to 19.7 feet). Fine grained silty sand, moist (19.8 to 21.0 feet).
6 25	SS	100	21		BG	(24-26 Feet) Gray, fine to medium grained sand, wet.

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING B3
 SITE 42
 NSWC Indian Head, MD.

DATE: 04/10/92

DWG NAME: IHBOR3

DATE OF BORING: 10/10/91

DESCRIPTION OF SUBSURFACE MATERIALS

BACKGROUND VAPOR READING = <0.1 ppm

SAMPL. NO. & DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS	DESCRIPTION
1	SS	75	25	1402	<0.01	(0-2 feet) Orange to brown silty clay with some sand, dry, stiff, minor organics and some iron staining.
2	SS	100	20	1408	<0.01	(4-6 feet) Orange to tan silty sand. Red orange silty clay with iron staining.
3	SS	100	13	1412	<0.01	(9-11 feet) Gray orange clayey silt with some sand. Moist to wet.
4	SS	100	21	1425	<0.01	(14-16 feet) Red orange clay with organic mottling. Some iron staining, dry stiff.
5	SS	100	17		<0.01	(19-21 feet) Red orange clay with some iron staining, stiff but moist. Red orange sandy silt with iron staining wet and firm.
6	SS	100	15	1450	<0.01	(24-26 feet) Orange to brown medium to fine grained sand with some silt (24.0 to 24.3). Gray medium grained sand moderately well sorted, wet (24.3 to 26.0).

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING B4
 SITE 42
 NSWC Indian Head, MD.

DATE: 04/10/92

DWG NAME: IHBOR4

DATE OF BORING: 10/09/91							DESCRIPTION OF SUBSURFACE MATERIALS	WELL CONSTRUCTION DETAILS
SAMPL. No. & DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS			
1	SS	50	23	1653	BG	(0-2 feet) Topsoil (0 to 0.2 feet). Remaining sample stiff and dry with organics.	<p>CONCRETE PAD 3'X3'X6" W/4 BUMPER BARS GROUND SURFACE LOCKING CAP</p> <p>4" DIAMETER SCHEDULE 40 PVC RISER PIPE</p> <p>BENTONITE PELLET SEAL TO 12.6'</p> <p>FINE SAND TO 14.3'</p> <p>10' OF 0.01" SLOT PVC WELL SCREEN TO 19'</p> <p>20/40 SILICA SAND TO 16.3'</p> <p>CASING SET @ 29.00 FEET.</p>	
2	SS	75	24	1656	BG	(4-6 feet) Gray to orange sandy silt, moist and stiff.		
3	SS	75	16	1703	BG	(9-11 feet) Gray silty sand with some clay, moist.		
4	SS	100	20	1715	BG	(14-16 feet) Brown to orange stiff clay mottled gray with iron staining and some organics, dry.		
5	SS	100	26	1720	BG	(19-21 feet) Reddish brown clay with silt and some sand, mottled with gray clay, some organics.		
6	SS	100	21		BG	(24-26 feet) Medium to fine grained moderately well sorted sand with some silt and clay, wet.		
7	SS	100	21		BG	(29-31 feet) Medium to fine grained sand, some clay, wet.		

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING-5 / MW-1
 PHASE I - SITE INSPECTION
 NSWC INDIAN HEAD, MARYLAND

DATE: 04/29/92

DWG NAME: IHMW1

DATE OF BORING: 10/09/91						DESCRIPTION OF SUBSURFACE MATERIALS	WELL CONSTRUCTION DETAILS
SAMPL. No. & DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS		
						BG (BACKGROUND) = 0.0ppm	<p>CONCRETE PAD 3'X3'X6" W/4 BUMPER BARS GROUND SURFACE</p> <p>4" DIAMETER SCHEDULE 40 PVC RISER PIPE</p> <p>BENTONITE GROUT</p> <p>BENTONITE PELLET SEAL TO 10.4' (hydrated)</p> <p>FINE SILICA SAND TO 13.8'</p> <p>10' OF 0.01" SLOT PVC WELL SCREEN</p> <p>20/40 SILICA SAND TO 14.5'</p> <p>CASING BOTTOM SET @ 26 FEET.</p>
2 5	SS	16	38	1600	BG	(4-6 feet) Sand and gravel Insufficient recovery for sampling.	
3 10	SS	58	27	1625	BG	(9-11 feet) Gravel and cobble fill becoming a brown silty clay with organics and iron staining.	
4 15	SS	100	20	1640	BG	(14-16 feet) Reddish brown clay stiff and dry (14.0 to 14.4 feet) Medium to coarse grained sand.	
5 20	SS	83		1650		(19-21 feet) Brown medium grained sand, wet. Remaining sample gray medium grained sand.	
6 20	SS	100	4	1653	BG	(21-23 feet) Gray sand changing to an orange medium grained sand at approximately 21.3 feet. Wet with minor organics.	
7 25						(24-26 feet) Gray clay with very little silt or sand, moist.	

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING-6 / MW-2
 PHASE I - SITE INSPECTION
 NSWC INDIAN HEAD, MARYLAND

DATE: 04/10/92

DWG NAME: IHBOR1

DATE OF BORING: 10/14/91

DESCRIPTION OF SUBSURFACE MATERIALS

BACKGROUND VAPOR READING = No readings, instrument malfunction.

SAMPL. & No.	DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLDWS/FT.	TIME	VAPOR READINGS	
1	0-2	SS	50	15	1518	NR	(0-2 feet) Brown silty clay with some sand & organic layers.
2	4-6	SS	100	16	1515	NR	(4-6 feet) Brown silty clay mottled with gray clay, stiff.
3	9-11	SS	100	15	1530	NR	(9-11 feet) Fine grained sand - gray with silt & clay. Minor organics, moist.
4	14-16	SS	100	13	1542	NR	(14-16 feet) Silty clay (14.0 to 15.2') with some brown dry clay. Clay with minor silt & organics, stiff & dry (15.2 to 16.0),
5	19-20	SS	100		1550	NR	(19-20 feet) Clay with minor silts & organics (19.0 to 19.4'). Silty clay (19.4 to 20.1). Sand gray, medium grained, wet (20.3 to 21.0).
							Boring terminated at 21 feet.

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING B7
 SITE 42
 NSWC Indian Head, MD.

DATE: 04/29/92

DWG NAME: IHBOR7

DATE OF BORING: 10/14/91

DESCRIPTION OF SUBSURFACE MATERIALS

BG (BACKGROUND) = 2.0 ppm

SAMPLING No. & DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS	DESCRIPTION
1 0	SS	10	13	1700	BG	(0-2 feet) Gravel, No recovery.
2 5	SS	91	7	1705	BG	(4-6 feet) Clay with moderate amounts of silt and fine grained sand, brown mottled gray clay with some organics moist.
3 10	SS	100	19	1715	BG	(9-10 feet) Tight red clay wih t iron staining at approximatley 9.8 feet iron concretions and some organics, dry.
4 15	SS	100	14	1728	BG	(14-16 feet) Red silty clay with some orgaincs, dry and stiff.
5 20	SS	100	12	1736		(19-21 feet) Tight reddish brown clay, (20.2 to 20.8 feet). Silty clay with fined grained sand and organics with iron staining (20.8 to 21.0 feet). Boring terminated at 21 feet.
25						

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING B8
 SITE 42
 NSWC Indian Head, MD.

DATE: 04/29/92

DWG NAME: IHBOR8

DATE OF BORING: 10/15/91

DESCRIPTION OF SUBSURFACE MATERIALS

BG (BACKGROUND) = .02ppm

BBG = BELOW BACKGROUND

SAMPL. No. & DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS	DESCRIPTION
1 0-2	SS	25		0920	BG	(0-2 feet) Gravel and clay.
2 4-6	SS	63	12	0922	BG	(4-6 feet) Red to brown clay mottled with gray clay, stiff and dry.
3 9-10	SS	100	10	0934	BG	(9-10 feet) Sand (9.0 to 9.3 feet). Moist brown clay with some silt (9.3 to 11.0 feet). Very stiff (10.3 to 11.0).
4 14-16	SS	100	13	0945	BG	(14-16 feet) Reddish brown clay with silt and organics, stiff and dry.
5 19-21	SS	100	9	1034		(19-21 feet) Red to brown clay (19.0 to 20.8 feet). Sand, medium to fine grained with some silt and organics. Boring terminated at 21 feet.

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING B9
 SITE 42
 NSWC Indian Head, MD.

DATE: 04/29/92

DWG NAME: IHBOR9

DATE OF BORING: 10/09/91							DESCRIPTION OF SUBSURFACE MATERIALS	WELL CONSTRUCTION DETAILS
SAMPLING No & DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS	BG (BACKGROUND) = 0.1ppm		
1							No sample	<p>CONCRETE PAD 3'x3'x0.5' WITH CRASH BARS GROUND</p> <p>SURFACE</p> <p>4" DIAMETER SCHEDULE 40 PVC RISER</p> <p>LOCKING CAP CEMENT BENTONITE GROUT BENTONITE PELLETS FINE SAND TO 3'</p> <p>20/40 SILICA SAND TO 5'</p> <p>10' OF 0.01' SLOT PVC SCREEN</p>
2	SS	83	-	1425	BG	REDDISH BROWN CLAY WITH SOME SILT AND ORGANICS, MOIST.		
3	SS	100	9	1436	BG	GRAY MEDIUM GRAINED SAND, WET		
4	SS	100	15	1447	BG	14.0-14.8' GRAY SAND, INCREASING SILT AND CLAY WITH DEPTH, WET. 14.8-16.0' TIGHT GREEN CLAY.		
5	SS	18.3	5	1457	-	GREEN CLAY. MOIST CLEAN.		
6								

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING-10 / MW-3
 PHASE I - SITE INSPECTION
 NDS INDIAN HEAD, MARYLAND

DATE: 04/10/92

DWG NAME: IHBOR1

DATE OF BORING: 10/16/91

DESCRIPTION OF SUBSURFACE MATERIALS

No reading, instrument malfunction.

SAMPLING No. & DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS	DESCRIPTION
1	SS	42	7	1018	NR	(0-2 feet) Black (stained) clayey sand (0 to 0.1), red to brown clay.
2	SS	92	13	1020	NR	(4-6 feet) Reddish brown clay with silt and some fine sand mottled with gray clay, minor organics moderately stiff and dry.
3	SS	100	26	1030	NR	(9-11 feet) Brown silty clay with little to no organics, mottled with gray clay and some possibly fill.
3	SS	58		1032	NR	Duplicate sample (11-13 feet) same to 12.8, changes to tight clay, brown to gray.
4	SS	92	23	1045	NR	(14-16 feet) Tan to brown mottled clay, some iron staining.
5	SS	100		1100	NR	(19-21 feet) Reddish to brown stiff clay with organics and iron staining.
6	SS	100		1110	NR	(24-26 feet) Brown medium grained sand (24.0 to 24.2 feet). Gray sand and clay with some silt (24.3 to 26.0 feet).
						Boring terminated at 26 feet.

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING B11
 SITE 42
 NSWC Indian Head, MD.

DATE: 04/29/92

DWG NAME: IHBOR11

DATE OF BORING: 10/16/91

DESCRIPTION OF SUBSURFACE MATERIALS

BG (BACKGROUND) = 0.2 ppm

SAMPLE No. & DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS	DESCRIPTION
						No sample.
2 5	SS	33	12	1358	BG	(4-6 feet) Black stained clay, silt and sand Red clay (4 inches).
3 10	SS	16	4	1410	0.4	(9-10 feet) /sandy silt and clay, insufficient recovery for a sample.
4 15	SS	100	9	1418	BG	(14-16 feet) Clay, with moderate amounts of silt and some sand. Gray clay, wet.
5 20	SS	100	20	1433		(19-21 feet) Brown clay mottled with gray clay (19.0 to 19.2 feet). Gray to brown, medium to fine grained sand.
6 25	SS			1442	BG	(24-26 feet) Reddish medium to fine grained sand with some clay (24.0 to 24.5 feet). Medium grained moderately well sorted sand, wet (24.6 to 26.0 feet). WATER TABLE @ 25'

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING B12
 SITE 42
 NSWC Indian Head, MD.

DATE: 04/29/92

DWG NAME: IHBOR12

DATE OF BORING: 10/16/91

DESCRIPTION OF SUBSURFACE MATERIALS

SAMPL. No. & DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS
1					
2 5	SS	100	12	1742	BG
3 10	SS	100	19	1748	BG
3 13	SS	50	--	1750	
4 15	SS	100	16	1755	BG
5 20	SS	75	15	1802	BG
25					

BACKGROUND VAPOR READING = 0.015 ppm

<0-2 feet> No sample collected.

<0.4-0.5'> Gray to brown sandy clay and silty sand, 0.5' orange to gray clay with some sand, stiff.

<9-11 feet> Orange gray clay, stiff.

<11-13 feet> Gray clay, stiff.

<14-16 feet> Reddish gray clay with some orange and some iron staining, moist.

<19.0 - 20.7'> Gray medium grained sand, wet.

Boring terminated @ 21 feet.

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING 13
 SITE 42
 NSWC Indian Head, MD.

DATE: 10/16/91

DWG NAME: IHBOR13

DATE OF BORING: 10/16/91

DESCRIPTION OF SUBSURFACE MATERIALS

BACKGROUND VAPOR READING = 0.01 ppm

(0-2 feet) No sample collected.

(4.0 - 6.0 feet) Sandy silt with organics and rock fragments (4.0 to 4.5 feet). Fill material (4.5 to 4.8 feet). Two samples attempted, low recovery.

(9.0 - 10.0 feet) Dark gray to brown sandy clay. Saturated.

(13 - 15 feet) Dark gray sandy clay. Saturated. Firm.

Boring terminated @ 15 feet. Intersected groundwater.

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING B14
 SITE 42
 NSWC Indian Head, MD.

DATE: 10/16/91

DWG NAME: IHBOR14

DATE OF BORING: 10/18/91

DESCRIPTION OF SUBSURFACE MATERIALS

BACKGROUND VAPOR READING = 0.0 ppm

(0-2 feet) No sample collected.

(4-6 feet) No recovery. Ply wood & concrete fill.

(9-11 feet) Brown and gray mottled clay with silt and minor amounts of sand fill.

(14-16 feet) Reddish brown clay mottled with gray clay (14.0 to 15.1 feet). Moderate silt and minor sand. Organics (15.1 to 16.0 feet).

(19-21 feet) Brown sand with minor silt & clay (19.0 to 19.8 feet). Gray medium fine sand with minor amounts of silt & clay (19.8 to 20.8 feet). More clay (20.8 feet to 21.0 feet).

Boring terminated @ 21 feet.
Intersected groundwater.

SAMPL No.	DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS
1	0-2					
2	4-6	SS	0	*RJ	1048	BG
3	9-11	SS	69	13	1100	BG
4	14-16	SS	100	12	1113	BG
5	19-21	SS	100	6	1120	BG

SITE INSPECTION
PHASE I
OLSON ROAD LANDFILL
NSWC INDIAN HEAD, MD.

BORING B15
SITE 42
NSWC Indian Head, MD.

DATE: 04/20/92

DWG NAME: IHBOR15

DATE OF BORING: 03/09/92

DESCRIPTION OF SUBSURFACE MATERIALS

SAMPL. No. & DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS
1 0	SS	76	10	1300	
2 5	SS	100	18	1305	
3 10	SS	100	23	1321	
4 15	SS	100	17	1333	
5 20	SS	100	20	1340	
25					

BACKGROUND VAPOR READING =

(0-2 feet) 12 inches of brown silty clay, dry. A layer of peat (0.75 inches). Some thin layers of poorly sorted, medium to fine grained sand.

(4-6 feet) Sandy silt and clay. Clay mottled gray and orange with minor organics. Sand is poorly sorted and fine to medium grained.

(9-11 feet) Very stiff, gray and orange mottled clay with little silt and no sand. Minor amounts of organics.

(14-16 feet) Silt, sand and clay mottled orange and gray with some organics.

(19-21 feet) Moderately sorted, medium grained sand (19 to 20 feet). Gray and orange mottled clay, wet (20 to 20.6 feet). Remainder is gray medium grained, moderately well sorted sand, very wet.

Boring terminated at 21 feet.

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING B17
 SITE 42
 NSWC Indian Head, MD.

DATE: 04/07/92

DWG NAME: IHBOR17

DATE OF BORING: 03/09/92

DESCRIPTION OF SUBSURFACE MATERIALS

SAMPL. No. & DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS	DESCRIPTION
1	SS	58	11	1415		(0-2 feet) Sand, small gravel and wood fragments with lots of organics.
2	SS	100	22	1419		(4-6 feet) Clay brown mottled with some gray and orange clay. Minor organics.
3	SS	100	20	1429		(9-11 feet) Stiff, brown to pink clay mottled with orange clay. Minor amounts of organics.
4	SS	100	26	1440		(14-16 feet) Clayey silt, mottled orange and gray with some organics.
5	SS	100	28	1448		(19-21 feet) Brown to reddish-brown, stiff clay (19.0 to 20.8 feet). Poorly sorted orange silty sand (20 to 20.6 feet).
6	SS	100	27	1453		(21-23 feet) Fine grained sand orange with some organics (21.0 to 21.5 feet). Medium grained orange sand (21.5 to 22.5). All wet.
						Boring terminated at 23 feet.

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING B18
 SITE 42
 NSWC Indian Head, MD.

DATE: 04/07/92

DWG NAME: IHBOR18

DATE 03/09/92

DESCRIPTION OF SUBSURFACE MATERIALS

WELL CONSTRUCTION DETAILS

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME
0-2	SS	20	17	1658
2-4	SS	0	24	1659
9-11	SS	100	17	1720
14-16	SS	100	19	1720
19-21	SS	100	26	1730

(0-2 feet) Low recovery - Organics silty sandy clay with some small gravel.

(2-4 feet) No recovery.

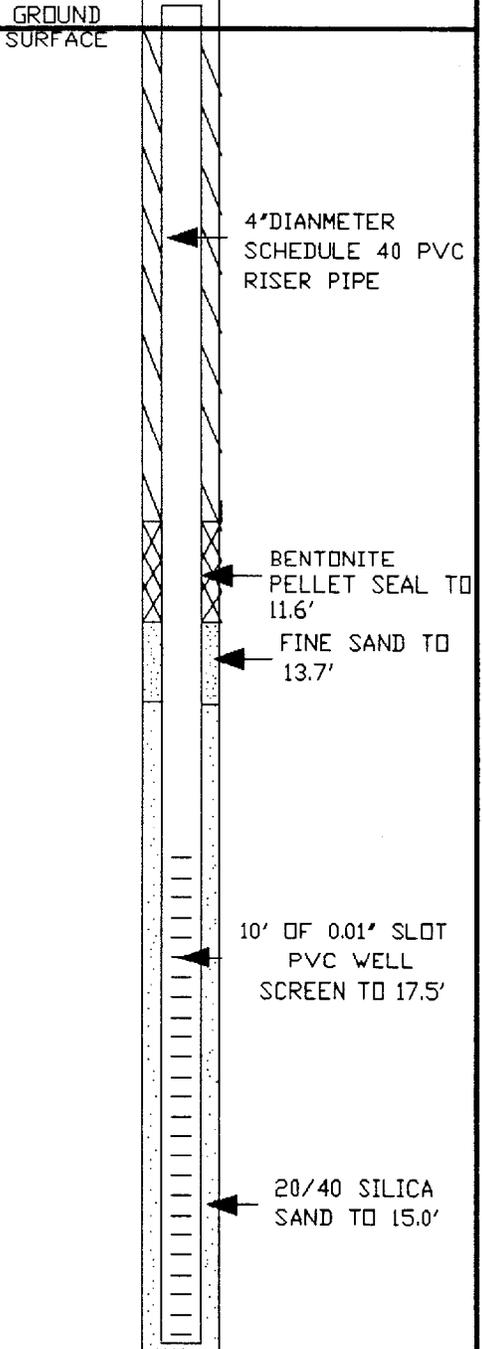
(9-11 feet) Orange to gray mottled clay with minor amounts of silts and organics.

(14-16 feet) Reddish-orange silty clay and clayey silt. Lots of organics and moist. Several thin seams of very fine grained sand.

(19-21 feet) Brown medium grained sand with organics. Gray medium grained moderately sorted sand with thin lens of clay.

Soil sampling terminated at 21 feet.

COMPLETED AS A TEMPORARY WELL



CASING SET @ 27.50 FEET.

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING 19 / MONITORING WELL 4
 SITE 42
 NSWC INDIAN HEAD, MD.

DATE: 04/07/92

DWG NAME: IHMW4

DATE 03/10/92

DESCRIPTION OF SUBSURFACE MATERIALS

WELL CONSTRUCTION DETAILS

DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME
0-2	SS	20		
4-6	SS	100	7	1553
9-11	SS	100	11	1600
14-16	SS	100	18	1605
19-21	SS	100	21	1620
24-26	SS	100	28	1628

(0-2 feet) No sample collected.

(4-6 feet) Clay brown with minor amounts of silt and organics.

(9-11 feet) Sandy clay with minor amounts of silt. A thin sandy layer at 10.0 to 10.3 feet.

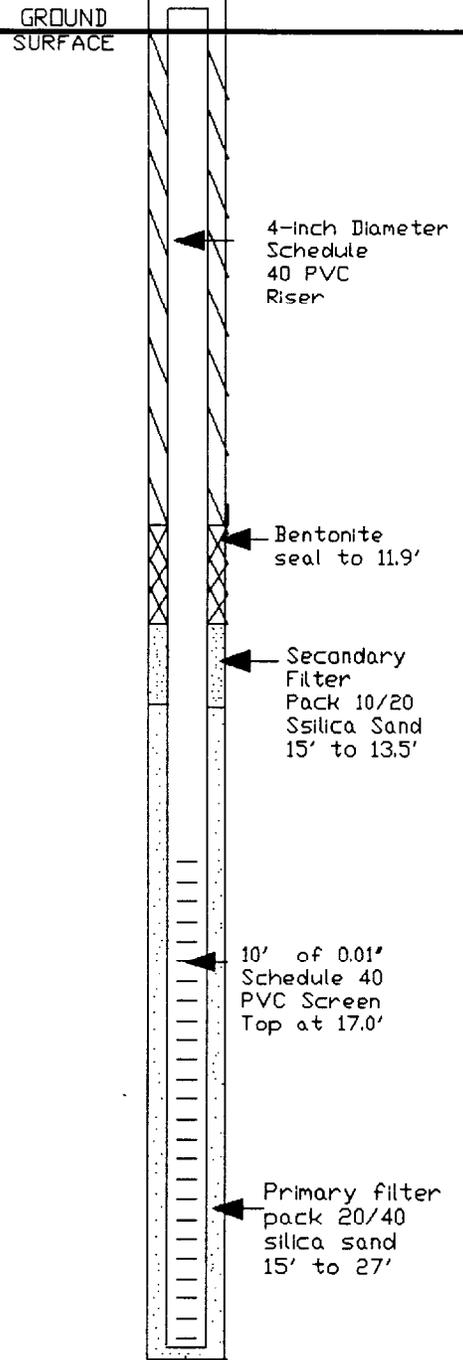
(14-16 feet) Clay very hard with some organics and iron staining.

(19-21 feet) Poor to moderately sorted fine to medium grained sand, orange to brown, wet.

(24-26 feet) Clay, stiff brown (24.0 to 24.7 feet). Moderately sorted medium grained gray sand, wet (24.7 to 26.0 feet).

Soil sampling terminated at 26 feet.

COMPLETED AS A TEMPORARY WELL



CASING SET @ 27.0 FEET.

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING 20 / MONITORING WELL 5
 SITE 42
 NSWC INDIAN HEAD, MD.

DATE: 04/07/92

DWG NAME: IHMWS

DATE OF BORING: 03/11/92

DESCRIPTION OF SUBSURFACE MATERIALS

SAMPL. No. & DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS	
1 0	SS	0				(0-2 feet) No sample collected.
2 5	SS	100	23	1202		(4-6 feet) Clayey silt with some fine grained sand with minor amounts organics (4.0 to 5.9 feet). Clay red to gray, stiff.
3 10	SS	100	20	1210		(9-11 feet) Silt and sandy. Sand fine to medium grained with a fair amount of silt and some clay with minor amounts organics.
4 15	SS	100	38	1221		(14-16 feet) Clay stiff orange to brown with minor amounts silts and lots of organics.
5 20	SS	100	21	1230		(19-21 feet) Dark brown sand medium grained with some silts and clays. Minor amounts of organics.
6 25	SSS	100	24	1250		(24-26 feet) Clay brown stiff (24.0 to 25.2 feet). Orange and gray sand, moderately sorted, medium grained sand with some organics, wet (25.2 to 26.0 feet). Boring terminated at 26 feet.

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING B21
 SITE 42
 NSWC Indian Head, MD.

DATE: 04/07/92

DWG NAME: IHBOR21

DATE OF BORING: 03/11/92

DESCRIPTION OF SUBSURFACE MATERIALS

SAMPL. No. & DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS
1					
2 5	SS	100	16	1420	
3 10	SS	100	10	1430	
4 15	SS	100	41	1436	
5 20	SS	100	21	1452	
25					

(0-2 feet) No sample collected.

(4-6 feet) Silty sand orange. Sand medium to fine grained with minor amounts of clay (4.0 to 5.7 feet). Clay stiff, brown (5.7 to 6.0 feet).

(9-11 feet) Clay stiff, brown (9.0 to 9.3) orange and gray clay (leaves and sticks). Sand medium to fine grained with some silts (9.3 to 11.0 feet).

(14-16 feet) Brown to gray mottled clay, with minor amounts of silts and fine grained sand.

(19-21 feet) Brown to orange mottled clay with some gray clay. Stiff, with some organics (19.0 to 20.8 feet). Red silt and sand moist (20.8 to 21.0 feet).

Boring terminated at 21 feet.

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWC INDIAN HEAD, MD.

BORING B22
 SITE 42
 NSWC Indian Head, MD.

DATE: 04/07/92

DWG NAME: IHBOR22

DATE OF BORING: 03/20/92							DESCRIPTION OF SUBSURFACE MATERIALS
SAMPLING No & DEPTH (FEET)	SAMPLE TYPE	% RECOVERY	BLOWS/FT.	TIME	VAPOR READINGS	BACKGROUND VAPOR READING =	
1	SS	0					(0-2 feet) No sample collected.
2	SS	100	15	1335			(5-7 feet) Silty clay brown with a layer of silt, dry.
3	SS	100	22	1401			(10-12 feet) Clay stiff, gray with minor amounts of silts. Some iron staining.
4	SS	100	26	1404			(15-17 feet) Clay brown to gray mottled, tight.
5	SS	100	11	1418			(20-22 feet) Clayey silt brown to red with some fine grained sand, moist.
6	SS	100	2	1418			(25-27 feet) Sand and silt gray with minor organics and some clays, wet. Boring terminated at 27 feet.

SITE INSPECTION
 PHASE I
 OLSON ROAD LANDFILL
 NSWG INDIAN HEAD, MD.

BORING B24
 SITE 42
 NSWG Indian Head, MD.

DATE: 04/07/92

DWG NAME: IHBOR24

L.S.D = 25' Ab.S.L.

EAST COAST WELL & PUMP, INC.

DRILLING & WATER SUPPLY CONTRACTORS
 3465 BIRDSVILLE ROAD • DAVIDSONVILLE, MARYLAND 21035
 (301) 798-1237 OR 261-4295

September 6, 1983

Naval Ordnance Station
 Indian Head, Md.

Contract No. N62477-83-C-7076

Permit No. Ch-81-0572

<u>DEPTHS</u>	<u>FORMATIONS</u>	<u>TIME OF PENETRATION</u>
0-10	Light brown clay	20 minutes
10-22	Light brown & red clay	14 minutes
22-50	Sandy gray clay & wood	25 minutes
✓ 80-130	Gray sand, wood & some clay layers	32 minutes
✓ 130-153	Multi-color sand course to medium	19 minutes
✓ 153-160	Thin sand layers & blue brown clay	14 minutes
✓ 160-190	Blue clay	37 minutes
✓ 190-205	Sandy blue clay	12 minutes
✓ 205-226	Multi-color blue & brown clay	28 minutes
✓ 226-250	Mealy muddy medium sand	18 minutes
✓ 250-300	Sandy blue clay	48 minutes
✓ 300-320	Mixed color clay	26 minutes
✓ 320-352	Muddy sand	28 minutes
✓ 352-433	Brown & Blue clay mixed ← Arundel ?	3 hours, 21 minutes
✓ 433-461	Sand with thin clay layers	16 minutes
✓ 461-467	Clay bluish green	12 minutes
✓ 467-474	Sand with thin clay layers	4 minutes
✓ 474-486	Medium gray sand	6 minutes
✓ 486-502	Clay grayish green	23 minutes

Top of KP
Silt

SNH

APPENDIX C

WATER QUALITY DATA

Stage 1 Data

42MW1			
Parameter	Temperature (°C)	Conductivity $\mu\text{S}/\text{cm}$	pH
Purge Volume			
1	14.4	186	6.24
2	14.5	087	6.83
3	14.4	131	6.10

42MW2			
Parameter	Temperature (°C)	Conductivity $\mu\text{S}/\text{cm}$	pH
Purge Volume			
1	17.2	363	6.66
2	16.9	341	6.50
3	16.8	330	6.50

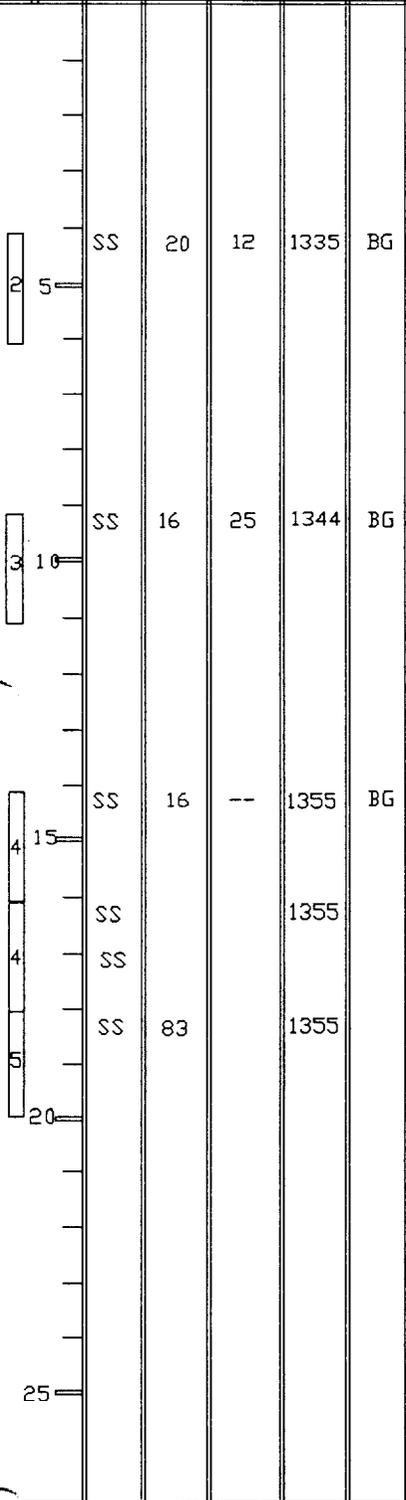
42MW-3			
Parameter	Temperature (°C)	Conductivity $\mu\text{S}/\text{cm}$	pH
Purge Volume			
1	18.2	271	6.65
2	18.2	137	6.71
3	17.9	263	6.73

DATE OF BORING: 10/18/91

DESCRIPTION OF SUBSURFACE MATERIALS

BACKGROUND VAPOR READING = <0.01 ppm.

<0-2 feet> No sample collected.



(4-6 feet) Clay, silt & gravel. Low recovery.

(11-16 feet) Clay with fine gravel (cement). Minor staining, no odor. Low recovery. Sample 42B16-3C was collected from boring cuttings due to low sample recovery from the split spoon.

(14-16 feet) Clay and silt with wood & concrete. Low recovery.

(16-18 feet) Brown medium to fine grained sand (16.0 to 17.6 feet). Gray medium to fine grained sand moist (17.6 to 18.0 feet).

(18-20 feet) Brown medium to fine grained sand (18.0 to 18.9 feet). Gray medium to fine grained wet sand (18.9 to 20.0).

Boring terminated at @ 21 feet.
Intersected groundwater.

SITE INSPECTION
PHASE I
OLSON ROAD LANDFILL
NSWC INDIAN HEAD, MD.

BORING B16
SITE 42
NSWC Indian Head, MD.

DATE: 04/30/92

DWG NAME: IHBOR16

Stage 2 Data

Well # = 42MW1 Date = 03/11/92 Function = Well development					
Parameter	Temperature (°C)	Conductivity μΩ/cm	pH	Turbidity NTU	Time EST
Measurements					
1	13.3	630	4.98	100	0830
2	13.6	600	5.12	92	0845
3	13.6	103	5.15	100	0900
4	14.3	540	5.10	82	0915
5	13.9	530	5.13	77	0929
6	13.5	100	5.06	40	0940
7	13.9	99	5.10	39	1000
8	13.9	98	5.08	35	1010

Total of 330 gallons removed

Well # = 42MW1 Date = 03/13/92 Function = Well purging and sampling				
Parameter	Temperature (°C)	Conductivity μΩ/cm	pH	Time EST
Purge Volume				
1	13.2	111	5.42	1205
2	12.9	106	6.04	1226
3	12.3	105	6.18	1254

Well # = 42MW1 Date = 03/31/92 Function = Well purging and sampling				
Parameter	Temperature (°C)	Conductivity μΩ/cm	pH	Time EST
Purge Volume				
1	13.7	440	5.16	110
2	13.7	930	5.35	1125
3	13.7	930	5.52	1141

Well # = 42MW2 Date = 03/11/92 Function = Well development					
Parameter	Temperature (°C)	Conductivity $\mu\text{O}/\text{cm}$	pH	Turbidity NTU	Time EST
Measurements					
1	15.1	161	5.35	150	—
2	15.1	301	5.22	125	—
3	15.5	304	5.19	125	—
4	14.9	294	5.09	> 200	—
5	15.7	297	5.28	> 200	—
6	15.5	292	5.17	185	—

Total of 140 gallons of water removed

Well # = 42MW2 Date = 03/13/92 Function = Well purging and sampling				
Parameter	Temperature (°C)	Conductivity $\mu\text{O}/\text{cm}$	pH	Time EST
Purge Volume				
1	13.0	270	4.50	1817
2	12.4	272	5.02	1847
3	13.1	285	5.12	1903

Well # = 42MW2 Date = 03/31/92 Function = Well purging and sampling				
Parameter	Temperature (°C)	Conductivity $\mu\text{O}/\text{cm}$	pH	Time EST
Purge Volume				
1	15.4	313	5.13	1251
2	15.4	320	5.35	1309
3	15.5	322	5.31	1332

Well # = 42MW3					
Date = 03/12/92					
Function = Well development					
Parameter	Temperature (°C)	Conductivity $\mu\text{O}/\text{cm}$	pH	Turbidity NTU	Time EST
Measurements					
1	11.2	208	5.93	110	1155
2	11.5	190	5.90	99	--
3	12.3	175	6.20	77	1210
4	12.5	197	6.10	76	1235

Total of 53 gallons of water removed

Well # = 42MW3				
Date = 03/14/92				
Function = Well purging and sampling				
Parameter	Temperature (°C)	Conductivity $\mu\text{O}/\text{cm}$	pH	Time EST
Purge Volume				
1	11.0	174	5.68	1449
2	10.8	166	6.00	1512
3	11.1	167	6.13	1525

Well # = 42MW3				
Date = 03/31/92				
Function = Well purging and sampling				
Parameter	Temperature (°C)	Conductivity $\mu\text{O}/\text{cm}$	pH	Time EST
Purge Volume				
1	11.7	187	5.44	1513
2	11.2	213	5.85	1526
3	11.7	186	5.98	1545

Well # = 42MW4 Date = 03/12/92 Function = Well development					
Parameter	Temperature (°C)	Conductivity $\mu\text{O}/\text{cm}$	pH	Turbidity NTU	Time EST
Measurements					
1	15.7	309	6.70	140	1110
2	15.7	242	6.15	>200	1120
3	15.7	163	5.73	>200	1125
4	15.9	143	5.43	>200	1130
5	15.6	115	5.25	>200	1138
6	15.6	111	5.15	175	1144
7	15.3	104	5.21	145	1149
8	15.5	108	5.02	107	1154
9	15.4	110	5.05	68	1158
10	15.3	112	5.15	42	1210

Total of 275 gallons of water removed

Well # = 42MW4 Date = 03/15/92 Function = Well purging and sampling				
Parameter	Temperature (°C)	Conductivity $\mu\text{O}/\text{cm}$	pH	Time EST
Purge Volume				
1	14.9	383	7.15	1130
2	14.9	261	5.97	1155
3	15.0	200	5.93	1220

Well # = 42MW4 Date = 03/31/92 Function = Well purging and sampling				
Parameter	Temperature (°C)	Conductivity $\mu\text{O}/\text{cm}$	pH	Time EST
Purge Volume				
1	15.5	361	6.24	1630
2	15.3	337	7.24	1655
2.5	15.0	262	6.78	1705
3	14.9	232	6.38	1713
3.25	14.9	231	6.22	1722

Well # = 42MW5 Date = 03/13/92 Function = Well development					
Parameter	Temperature (°C)	Conductivity $\mu\text{O}/\text{cm}$	pH	Turbidity NTU*	Time EST
Measurements					
1	15.0	93	5.03	> 200*	1745
2	15.0	92	4.80	> 200	1805
3	14.8	88	4.86	> 200	1815
4	15.0	87	5.26	> 200	1820
5	14.9	88	5.23	> 200	1825
6	14.8	86	5.19	> 200	1834

Total of 150 gallons of water removed

* Low battery - readings invalid

Well # = 42MW5 Date = 03/15/92 Function = Well purging and sampling				
Parameter	Temperature (°C)	Conductivity $\mu\text{O}/\text{cm}$	pH	Time EST
Purge Volume				
1	15.0	147	5.81	1142
2	14.7	131	5.41	1153
3	14.9	106	5.97	1215

Well # = 42MW5 Date = 04/1/92 Function = Well purging and sampling				
Parameter	Temperature (°C)	Conductivity $\mu\text{O}/\text{cm}$	pH	Time EST
Purge Volume				
1	14.6	179	5.84	1114
2	14.7	164	6.05	1129
3	14.7	155	6.08	1200

Well # = 42MW6 Date = 03/13/92 Function = Well development					
Parameter	Temperature (°C)	Conductivity $\mu\text{O}/\text{cm}$	pH	Turbidity NTU*	Time EST
Measurements					
1	13.9	63	5.09	>200*	1410
2	14.0	61	5.24	>200	1420
3	13.9	61	5.25	>200	1530
4	13.9	60	5.21	>200	1538
5	13.7	59	5.19	>200	1550

Total of 110 gallons of water removed

* Low battery - readings invalid

Well # = 42MW6 Date = 03/14/92 Function = Well purging and sampling				
Parameter	Temperature (°C)	Conductivity $\mu\text{O}/\text{cm}$	pH	Time EST
Purge Volume				
1	12.9	78	6.20	1531
2	12.9	73	6.07	1620
3	12.8	65	5.99	1639

Well # = 42MW6 Date = 04/1/92 Function = Well purging and sampling				
Parameter	Temperature (°C)	Conductivity $\mu\text{O}/\text{cm}$	pH	Time EST
Purge Volume				
1	13.6	213	5.75	1318
2	13.3	143	6.15	1335
3	13.2	101	6.15	1358

APPENDIX D

SUMMARY OF ANALYTICAL DATA

STAGE 1 DATA

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		
		SAMPLE MATRIX UNITS	42BW-9 WATER ug/l	42BW-11 WATER ug/l	42BW-14 WATER ug/l	42MW-1 WATER ug/l			
VOLATILES									
74-87-3	V Chloromethane		BDL	10	BDL	10	BDL	10	BDL
74-83-9	V Bromomethane		BDL	10	BDL	10	BDL	10	BDL
75-01-4	V Vinyl Chloride		BDL	10	BDL	10	BDL	10	BDL
75-00-3	V Chloroethane		BDL	10	BDL	10	BDL	10	BDL
75-09-2	V Methylene Chloride		BDL	10	BDL	10	BDL	10	BDL
67-64-1	V Acetone		BDL	10	BDL	10	150	BDL	10
75-15-0	V Carbon Disulfide		BDL	10	BDL	10	BDL	10	BDL
75-35-4	V 1,1-Dichloroethene		BDL	10	BDL	10	BDL	10	BDL
75-34-3	V 1,1-Dichloroethane		BDL	10	BDL	10	BDL	10	BDL
540-59-0	V 1,2-Dichloroethene (total)		BDL	10	BDL	10	BDL	10	BDL
67-66-3	V Chloroform		BDL	10	BDL	10	BDL	10	BDL
107-06-2	V 1,2-Dichloroethane		BDL	10	BDL	10	BDL	10	BDL
78-93-3	V 2-Butanone		BDL	10	BDL	10	BDL	10	BDL
71-55-6	V 1,1,1-Trichloroethane		BDL	10	BDL	10	BDL	10	BDL
56-23-5	V Carbon Tetrachloride		BDL	10	BDL	10	BDL	10	BDL
75-27-4	V Bromodichloromethane		BDL	10	BDL	10	BDL	10	BDL
78-87-5	V 1,2-Dichloropropane		BDL	10	BDL	10	BDL	10	BDL
10061-01-5	V cis-1,3-Dichloropropene		BDL	10	BDL	10	BDL	10	BDL
79-01-6	V Trichloroethene		BDL	10	130	BDL	10	BDL	10
124-48-1	V Dibromochloromethane		BDL	10	BDL	10	BDL	10	BDL
79-00-5	V 1,1,2-Trichloroethane		BDL	10	BDL	10	BDL	10	BDL
71-43-2	V Benzene		BDL	10	BDL	10	BDL	10	BDL
10061-02-8	V Trans-1,3-Dichloropropene		BDL	10	BDL	10	BDL	10	BDL
75-25-2	V Bromoform		BDL	10	BDL	10	BDL	10	BDL
108-10-1	V 4-Methyl-2-Pentanone		BDL	10	BDL	10	BDL	10	BDL
591-78-6	V 2-Hexanone		BDL	10	BDL	10	BDL	10	BDL
127-18-4	V Tetrachloroethene		BDL	10	BDL	10	BDL	10	BDL
79-34-5	V 1,1,2,2-Tetrachloroethane		BDL	10	BDL	10	BDL	10	BDL
108-88-3	V Toluene		BDL	10	BDL	10	BDL	10	BDL
108-90-7	V Chlorobenzene		BDL	10	BDL	10	BDL	10	BDL
100-41-4	V Ethylbenzene		BDL	10	BDL	10	BDL	10	BDL
100-42-5	V Styrene		BDL	10	BDL	10	BDL	10	BDL
1330-20-7	V Xylenes (Total)		BDL	10	BDL	10	BDL	10	BDL
SEMI-VOLATILE									
108-95-2	A Phenol		BDL	10	BDL	10	BDL	BDL	10
111-44-4	A Bis(2-Chloroethyl)ether		BDL	10	BDL	10	BDL	BDL	10
95-57-8	A 2-Chlorophenol		BDL	10	BDL	10	BDL	BDL	10
541-73-1	A 1,3-Dichlorobenzene		BDL	10	BDL	10	BDL	BDL	10
106-46-7	A 1,4-Dichlorobenzene		BDL	10	BDL	10	BDL	BDL	10
95-50-1	A 1,2-Dichlorobenzene		BDL	10	BDL	10	BDL	BDL	10
95-48-7	A 2-Methylphenol		BDL	10	BDL	10	BDL	BDL	10
108-60-1	A 2,2'-oxybis(1-Chloropropane)		BDL	10	BDL	10	BDL	BDL	10
106-44-5	A 4-Methylphenol		BDL	10	BDL	10	BDL	BDL	10
621-64-7	A N-Nitroso-di-n-propylamine		BDL	10	BDL	10	BDL	BDL	10
67-72-1	A Hexachloroethane		BDL	10	BDL	10	BDL	BDL	10
98-95-3	A Nitrobenzene		BDL	10	BDL	10	BDL	BDL	10
78-59-1	A Isophorone		BDL	10	BDL	10	BDL	BDL	10
88-75-5	A 2-Nitrophenol		BDL	10	BDL	10	BDL	BDL	10
105-67-9	A 2,4-Dimethylphenol		BDL	10	BDL	10	BDL	BDL	10
111-91-1	A Bis(2-Chloroethoxy)methane		BDL	10	BDL	10	BDL	BDL	10
120-83-2	A 2,4-Dichlorophenol		BDL	10	BDL	10	BDL	BDL	10
120-82-1	A 1,2,4-Trichlorobenzene		BDL	10	BDL	10	BDL	BDL	10
91-20-3	A Naphthalene		BDL	10	BDL	10	BDL	BDL	10
106-47-8	A 4-Chloroaniline		BDL	10	BDL	10	BDL	BDL	10
87-68-3	A Hexachlorobutadiene		BDL	10	BDL	10	BDL	BDL	10
59-50-7	A 4-Chloro-3-methylphenol		BDL	10	BDL	10	BDL	BDL	10
91-57-6	A 2-Methylnaphthalene		BDL	10	BDL	10	BDL	BDL	10

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
			42BW-9 WATER ug/l		42BW-11 WATER ug/l		42BW-14 WATER ug/l		42MW-1 WATER ug/l	
77-47-4	A Hexachlorocyclopentadiene		BDL	10	BDL	10	BDL	BDL	BDL	10
88-06-2	A 2,4,6-Trichlorophenol		BDL	10	BDL	10	BDL	BDL	BDL	10
95-95-4	A 2,4,5-Trichlorophenol		BDL	50	BDL	50	BDL	BDL	BDL	50
91-58-7	A 2-Chloronaphthalene		BDL	10	BDL	10	BDL	BDL	BDL	10
88-74-4	A 2-Nitroaniline		BDL	50	BDL	50	BDL	BDL	BDL	50
131-11-3	A Dimethylphthalate		BDL	10	BDL	10	BDL	BDL	BDL	10
208-96-8	A Acenaphthylene		BDL	10	BDL	10	BDL	BDL	BDL	10
606-20-2	A 2,6-Dinitrotoluene		BDL	10	BDL	10	BDL	BDL	BDL	10
99-09-2	A 3-Nitroaniline		BDL	50	BDL	50	BDL	BDL	BDL	50
83-32-9	A Acenaphthene		BDL	10	BDL	10	BDL	BDL	BDL	10
51-28-5	B 2,4-Dinitrophenol		BDL	50	BDL	50	BDL	BDL	BDL	50
100-02-7	B 4-Nitrophenol		BDL	50	BDL	50	BDL	BDL	BDL	50
132-64-9	B Dibenzofuran		BDL	10	BDL	10	BDL	BDL	BDL	10
121-14-2	B 2,4-Dinitrotoluene		BDL	10	BDL	10	BDL	BDL	BDL	10
84-86-2	B Diethylphthalate		BDL	10	BDL	10	BDL	BDL	BDL	10
7005-72-3	B 4-Chlorophenyl-phenylether		BDL	10	BDL	10	BDL	BDL	BDL	10
86-73-7	B Fluorene		BDL	10	BDL	10	BDL	BDL	BDL	10
100-01-6	B 4-Nitroaniline		BDL	50	BDL	50	BDL	BDL	BDL	50
534-52-1	B 4,6-Dinitro-2-methylphenol		BDL	50	BDL	50	BDL	BDL	BDL	50
86-30-6	B N-Nitrosodiphenylamine(1)		BDL	10	BDL	10	BDL	BDL	BDL	10
101-55-3	B 4-Bromophenyl-phenylether		BDL	10	BDL	10	BDL	BDL	BDL	10
118-74-1	B Hexachlorobenzene		BDL	10	BDL	10	BDL	BDL	BDL	10
87-88-5	B Pentachlorophenol		BDL	50	BDL	50	BDL	BDL	BDL	50
85-01-8	B Phenanthrene		BDL	10	BDL	10	BDL	BDL	BDL	10
120-12-7	B Anthracene		BDL	10	BDL	10	BDL	BDL	BDL	10
86-74-8	B Carbazole		BDL	10	BDL	10	BDL	BDL	BDL	10
84-74-2	B Di-n-butylphthalate			27		9	BDL			10
206-44-0	B Fluoranthene		BDL	10	BDL	10	BDL	BDL	BDL	10
129-00-0	B Pyrene		BDL	10	BDL	10	BDL	BDL	BDL	10
85-68-7	B Butylbenzylphthalate		BDL	10	BDL	10	BDL	BDL	BDL	10
91-84-1	B 3,3'-Dichlorobenzidine		BDL	20	BDL	20	BDL	BDL	BDL	20
56-55-3	B Benzo(a)anthracene		BDL	10	BDL	10	BDL	BDL	BDL	10
218-01-9	B Chrysene		BDL	10	BDL	10	BDL	BDL	BDL	10
117-81-7	B bis(2-Ethylhexyl)phthalate			10		BDL	10	BDL	BDL	10
117-84-0	B Di-n-octylphthalate		BDL	10	BDL	10	BDL	BDL	BDL	10
205-99-2	B Benzo(b)fluoranthene		BDL	10	BDL	10	BDL	BDL	BDL	10
207-08-9	B Benzo(k)fluoranthene		BDL	10	BDL	10	BDL	BDL	BDL	10
50-32-8	B Benzo(a)pyrene		BDL	10	BDL	10	BDL	BDL	BDL	10
193-39-5	B Indeno(1,2,3-cd)pyrene		BDL	10	BDL	10	BDL	BDL	BDL	10
53-70-3	B Dibenz(a,h)anthracene		BDL	10	BDL	10	BDL	BDL	BDL	10
191-24-2	B Benzo(g,h,i)perylene		BDL	10	BDL	10	BDL	BDL	BDL	10
PESTICIDES										
319-84-6	P Alpha-BHC		BDL	0.05	BDL	0.05	BDL		BDL	0.05
319-85-7	P Beta-BHC		BDL	0.05	BDL	0.05	BDL		BDL	0.11
319-86-8	P Delta-BHC		BDL	0.05	BDL	0.05	BDL		BDL	0.05
58-89-9	P Gamma-BHC (Lindane)		BDL	0.05	BDL	0.05	BDL		BDL	0.05
76-44-8	P Heptachlor		BDL	0.05	BDL	0.05	BDL		BDL	0.05
309-00-2	P Aldrin		BDL	0.05	BDL	0.05	BDL		BDL	0.05
1024-57-3	P Heptachlor epoxide		BDL	0.05	BDL	0.05	BDL		BDL	0.05
959-98-8	P Endosulfan I		BDL	0.05	BDL	0.05	BDL		BDL	0.05
60-57-1	P Dieldrin		BDL	0.1	BDL	0.1	BDL		BDL	0.1
72-55-9	P 4,4'-DDE		BDL	0.1	BDL	0.1	BDL		BDL	0.1
72-20-8	P Endrin		BDL	0.1	BDL	0.1	BDL		BDL	0.1
33213-65-9	P Endosulfan II		BDL	0.1	BDL	0.1	BDL		BDL	0.1
72-54-8	P 4,4'-DDD		BDL	0.1	BDL	0.1	BDL		BDL	0.1
1031-07-8	P Endosulfan sulfate		BDL	0.1	BDL	0.1	BDL		BDL	0.1
50-29-3	P 4,4'-DDT		BDL	0.1	BDL	0.1	BDL		BDL	0.1
72-43-5	P Methoxychlor		BDL	0.5	BDL	0.5	BDL		BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42BW-9 WATER		INDIAN HEAD 42BW-11 WATER		INDIAN HEAD 42BW-14 WATER		INDIAN HEAD 42MW-1 WATER	
			ug/l		ug/l		ug/l		ug/l	
53494-70-5	P Endrin ketone		BDL	0.1	BDL	0.1	BDL	BDL	BDL	0.1
7421-36-3	P Endrin aldehyde		BDL	0.1	BDL	0.1	BDL	BDL	BDL	0.1
5103-71-9	P Alpha-Chlordane		BDL	0.05	BDL	0.05	BDL	BDL	BDL	0.05
5103-74-2	P Gamma-Chlordane		BDL	0.05	BDL	0.05	BDL	BDL	BDL	0.05
8001-35-2	P Toxaphene		BDL	5	BDL	5	BDL	BDL	BDL	5
12674-11-2	P Aroclor-1016		BDL	1	BDL	1	BDL	BDL	BDL	1
11104-28-2	P Aroclor-1221		BDL	2	BDL	2	BDL	BDL	BDL	2
11141-16-5	P Aroclor-1232		BDL	1	BDL	1	BDL	BDL	BDL	1
53469-21-9	P Aroclor-1242		BDL	1	BDL	1	BDL	BDL	BDL	1
12672-29-6	P Aroclor-1248		BDL	1	BDL	1	BDL	BDL	BDL	1
11097-69-1	P Aroclor-1254		BDL	1	BDL	1	BDL	BDL	BDL	1
11096-82-5	P Aroclor-1260		BDL	1	BDL	1	BDL	BDL	BDL	1
INORGANIC										
7429-90-5	M Aluminum		49000		56000		9900		1200	
7440-36-0	M Antimony		BDL	60	BDL	60	BDL	60	BDL	60
7440-38-2	M Arsenic		BDL	10	28		BDL	10	BDL	10
7440-39-3	M Barium		11000		930		1100		BDL	200
7440-41-7	M Beryllium		51		6		BDL	5	BDL	5
7440-43-9	M Cadmium		59		BDL	5	21		BDL	5
7440-70-2	M Calcium		190000		9400		52000		8500	
7440-47-3	M Chromium		63		112		BDL	10	BDL	10
7440-48-4	M Cobalt		970		100		110		BDL	50
7440-50-8	M Copper		440		110		170		BDL	25
7439-89-8	M Iron		15000		120000		128000		2200	
7439-92-1	M Lead		360		250		1400		8	
7439-95-4	M Magnesium		110000		11000		31000		BDL	5000
7439-96-5	M Manganese		38000		1450		4700		240	
7439-97-6	M Mercury		5.4		4.7		0.3		BDL	0.2
7440-02-0	M Nickel		900		130		124		BDL	40
7440-09-7	M Potassium		6200		13000		16000		BDL	5000
7782-49-2	M Selenium		BDL	0	BDL	0	BDL	0	BDL	5
7440-22-4	M Silver		BDL	10	BDL	10	BDL	10	BDL	10
7440-23-5	M Sodium		62000		15000		44000		8200	
7440-28-0	M Thallium		BDL	5	BDL	5	BDL	0	BDL	0
7440-62-2	M Vanadium		BDL	50	145		BDL	50	BDL	50
7440-66-6	M Zinc		1200		370		740		34	
	M Cyanide		BDL	0.005	BDL	0.005	BDL		BDL	0.005

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
			42MW-2 WATER ug/l		42MW-3 WATER ug/l		42SW-1 WATER ug/l		42SW-2 WATER ug/l	
VOLATILES										
74-87-3	V	Chloromethane	BDL	10	BDL	10	BDL	10	BDL	10
74-83-6	V	Bromomethane	BDL	10	BDL	10	BDL	10	BDL	10
75-01-4	V	Vinyl Chloride	BDL	10	BDL	10	BDL	10	BDL	10
75-00-3	V	Chloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-09-2	V	Methylene Chloride	BDL	10	BDL	10	BDL	10	BDL	10
67-64-1	V	Acetone	BDL	10	BDL	10	BDL	10	BDL	10
75-15-0	V	Carbon Disulfide	BDL	10	BDL	10	BDL	10	BDL	10
75-35-4	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-34-3	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
540-59-0	V	1,2-Dichloroethane (total)	BDL	10	BDL	10	BDL	10	BDL	10
67-66-3	V	Chloroform	BDL	10	BDL	10	BDL	10	BDL	10
107-06-2	V	1,2-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
78-93-3	V	2-Butanone	BDL	10	BDL	10	BDL	10	BDL	10
71-55-6	V	1,1,1-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
56-23-5	V	Carbon Tetrachloride	BDL	10	BDL	10	BDL	10	BDL	10
75-27-4	V	Bromodichloromethane	BDL	10	BDL	10	BDL	10	BDL	10
78-87-5	V	1,2-Dichloropropane	BDL	10	BDL	10	BDL	10	BDL	10
10061-01-5	V	cis-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
79-01-6	V	Trichloroethene	BDL	10	BDL	10	BDL	10	BDL	10
124-48-1	V	Dibromochloromethane	BDL	10	BDL	10	BDL	10	BDL	10
79-00-5	V	1,1,2-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
71-43-2	V	Benzene	BDL	10	BDL	10	BDL	10	BDL	10
10061-02-6	V	Trans-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
75-25-2	V	Bromoform	BDL	10	BDL	10	BDL	10	BDL	10
108-10-1	V	4-Methyl-2-Pentanone	BDL	10	BDL	10	BDL	10	BDL	10
591-78-6	V	2-Hexanone	BDL	10	BDL	10	BDL	10	BDL	10
127-18-4	V	Tetrachloroethene	BDL	10	BDL	10	BDL	10	BDL	10
79-34-5	V	1,1,2,2-Tetrachloroethane	BDL	10	BDL	10	BDL	10	BDL	10
108-88-3	V	Toluene	BDL	10	BDL	10	BDL	10	BDL	10
108-90-7	V	Chlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-41-4	V	Ethylbenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-42-5	V	Styrene	BDL	10	BDL	10	BDL	10	BDL	10
1330-20-7	V	Xylenes (Total)	BDL	10	BDL	10	BDL	10	BDL	10
SEMI-VOLATILE										
108-95-2	A	Phenol	BDL	10	BDL	10	BDL	10	BDL	10
111-44-4	A	Bis(2-Chloroethyl)ether	BDL	10	BDL	10	BDL	10	BDL	10
95-57-8	A	2-Chlorophenol	BDL	10	BDL	10	BDL	10	BDL	10
541-73-1	A	1,3-Dichlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
106-46-7	A	1,4-Dichlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
95-50-1	A	1,2-Dichlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
95-48-7	A	2-Methylphenol	BDL	10	BDL	10	BDL	10	BDL	10
108-60-1	A	2,2'-oxybis(1-Chloropropane)	BDL	10	BDL	10	BDL	10	BDL	10
106-44-5	A	4-Methylphenol	BDL	10	BDL	10	BDL	10	BDL	10
621-64-7	A	N-Nitroso-di-n-propylamine	BDL	10	BDL	10	BDL	10	BDL	10
67-72-1	A	Hexachloroethane	BDL	10	BDL	10	BDL	10	BDL	10
98-95-3	A	Nitrobenzene	BDL	10	BDL	10	BDL	10	BDL	10
78-59-1	A	Isophorone	BDL	10	BDL	10	BDL	10	BDL	10
88-75-5	A	2-Nitrophenol	BDL	10	BDL	10	BDL	10	BDL	10
105-67-9	A	2,4-Dimethylphenol	BDL	10	BDL	10	BDL	10	BDL	10
111-91-1	A	Bis(2-Chloroethoxy)methane	BDL	10	BDL	10	BDL	10	BDL	10
120-83-2	A	2,4-Dichlorophenol	BDL	10	BDL	10	BDL	10	BDL	10
120-82-1	A	1,2,4-Trichlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
91-20-3	A	Naphthalene	BDL	10	BDL	10	BDL	10	BDL	10
108-47-8	A	4-Chloroaniline	BDL	10	BDL	10	BDL	10	BDL	10
87-68-3	A	Hexachlorobutadiene	BDL	10	BDL	10	BDL	10	BDL	10
59-50-7	A	4-Chloro-3-methylphenol	BDL	10	BDL	10	BDL	10	BDL	10
91-57-6	A	2-Methylnaphthalene	BDL	10	BDL	10	BDL	10	BDL	10

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

GAS NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		
			42MW-2 WATER ug/l		42MW-3 WATER ug/l		42SW-1 WATER ug/l		42SW-2 WATER ug/l		
77-47-4	A	Hexachlorocyclopentadiene	BDL		10	BDL	10	BDL	10	BDL	10
88-06-2	A	2,4,6-Trichlorophenol	BDL		10	BDL	10	BDL	10	BDL	10
95-95-4	A	2,4,5-Trichlorophenol	BDL		50	BDL	50	BDL	50	BDL	50
91-58-7	A	2-Chloronaphthalene	BDL		10	BDL	10	BDL	10	BDL	10
88-74-4	A	2-Nitroaniline	BDL		50	BDL	50	BDL	50	BDL	50
131-11-3	A	Dimethylphthalate	BDL		10	BDL	10	BDL	10	BDL	10
208-96-8	A	Acenaphthylene	BDL		10	BDL	10	BDL	10	BDL	10
606-20-2	A	2,6-Dinitrotoluene	BDL		10	BDL	10	BDL	10	BDL	10
99-09-2	A	3-Nitroaniline	BDL		50	BDL	50	BDL	50	BDL	50
83-32-9	A	Acenaphthene	BDL		10	BDL	10	BDL	10	BDL	10
51-28-5	B	2,4-Dinitrophenol	BDL		50	BDL	50	BDL	50	BDL	50
100-02-7	B	4-Nitrophenol	BDL		50	BDL	50	BDL	50	BDL	50
132-64-9	B	Dibenzofuran	BDL		10	BDL	10	BDL	10	BDL	10
121-14-2	B	2,4-Dinitrotoluene	BDL		10	BDL	10	BDL	10	BDL	10
84-86-2	B	Diethylphthalate	BDL		10	BDL	10	BDL	10	BDL	10
7005-72-3	B	4-Chlorophenyl-phenylether	BDL		10	BDL	10	BDL	10	BDL	10
86-73-7	B	Fluorene	BDL		10	BDL	10	BDL	10	BDL	10
100-01-6	B	4-Nitroaniline	BDL		50	BDL	50	BDL	50	BDL	50
534-52-1	B	4,6-Dinitro-2-methylphenol	BDL		50	BDL	50	BDL	50	BDL	50
86-30-6	B	N-Nitrosodiphenylamine(1)	BDL		10	BDL	10	BDL	10	BDL	10
101-55-3	B	4-Bromophenyl-phenylether	BDL		10	BDL	10	BDL	10	BDL	10
118-74-1	B	Hexachlorobenzene	BDL		10	BDL	10	BDL	10	BDL	10
87-86-5	B	Pentachlorophenol	BDL		50	BDL	50	BDL	50	BDL	50
85-01-8	B	Phenanthrene	BDL		10	BDL	10	BDL	10	BDL	10
120-12-7	B	Anthracene	BDL		10	BDL	10	BDL	10	BDL	10
86-74-8	B	Carbazole	BDL		10	BDL	10	BDL	10	BDL	10
84-74-2	B	Di-n-butylphthalate		6		9		25		19	
206-44-0	B	Fluoranthene	BDL		10	BDL	10	BDL	10	BDL	10
129-00-0	B	Pyrene	BDL		10	BDL	10	BDL	10	BDL	10
85-68-7	B	Butylbenzylphthalate	BDL		10	BDL	10	BDL	10	BDL	10
91-84-1	B	3,3'-Dichlorobenzidine	BDL		20	BDL	20	BDL	20	BDL	20
56-55-3	B	Benzo(a)anthracene	BDL		10	BDL	10	BDL	10	BDL	10
218-01-9	B	Chrysene	BDL		10	BDL	10	BDL	10	BDL	10
117-81-7	B	bis(2-Ethylhexyl)phthalate	BDL		10	BDL	10	BDL	10	BDL	10
117-84-0	B	Di-n-octylphthalate	BDL		10	BDL	10	BDL	10	BDL	10
205-99-2	B	Benzo(b)fluoranthene	BDL		10	BDL	10	BDL	10	BDL	10
207-08-9	B	Benzo(k)fluoranthene	BDL		10	BDL	10	BDL	10	BDL	10
50-32-8	B	Benzo(a)pyrene	BDL		10	BDL	10	BDL	10	BDL	10
193-39-5	B	Indeno(1,2,3-cd)pyrene	BDL		10	BDL	10	BDL	10	BDL	10
53-70-3	B	Dibenz(a,h)anthracene	BDL		10	BDL	10	BDL	10	BDL	10
191-24-2	B	Benzo(g,h,i)perylene	BDL		10	BDL	10	BDL	10	BDL	10
PESTICIDES											
319-84-6	P	Alpha-BHC	BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05	0.05
319-85-7	P	Beta-BHC	BDL	0.05	BDL	0.13	BDL	0.05	BDL	0.05	0.05
319-86-8	P	Delta-BHC	BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05	0.05
58-89-9	P	Gamma-BHC (Lindane)	BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05	0.05
76-44-8	P	Heptachlor	BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05	0.05
309-00-2	P	Aldrin	BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05	0.05
1024-57-3	P	Heptachlor epoxide	BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05	0.05
959-98-8	P	Endosulfan I	BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05	0.05
60-57-1	P	Dieldrin	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1	0.1
72-55-9	P	4,4'-DDE	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1	0.1
72-20-8	P	Endrin	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1	0.1
33213-65-9	P	Endosulfan II	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1	0.1
72-54-8	P	4,4'-DDD	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1	0.1
1031-07-8	P	Endosulfan sulfate	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1	0.1
50-29-3	P	4,4'-DDT	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1	0.1
72-43-5	P	Methoxychlor	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5	0.5

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42MW-2 WATER		INDIAN HEAD 42MW-3 WATER		INDIAN HEAD 42SW-1 WATER		INDIAN HEAD 42SW-2 WATER	
			ug/l		ug/l		ug/l		ug/l	
53494-70-5	P Endrin ketone		BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
7421-36-3	P Endrin aldehyde			0.22	BDL	0.1	BDL	0.1	BDL	0.1
5103-71-9	P Alpha-Chlordane		BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05
5103-74-2	P Gamma-Chlordane		BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05
8001-35-2	P Toxaphene		BDL	5	BDL	5	BDL	5	BDL	5
12674-11-2	P Aroclor-1018		BDL	1	BDL	1	BDL	1	BDL	1
11104-28-2	P Aroclor-1221		BDL	2	BDL	2	BDL	2	BDL	2
11141-16-5	P Aroclor-1232		BDL	1	BDL	1	BDL	1	BDL	1
53489-21-9	P Aroclor-1242		BDL	1	BDL	1	BDL	1	BDL	1
12672-29-6	P Aroclor-1248		BDL	1	BDL	1	BDL	1	BDL	1
11097-89-1	P Aroclor-1254		BDL	1	BDL	1	BDL	1	BDL	1
11096-82-5	P Aroclor-1260		BDL	1	BDL	1	BDL	1	BDL	1
INORGANIC										
7429-90-5	M Aluminum			690		340		BDL		200
7440-36-0	M Antimony		BDL		60	BDL	60	BDL	60	BDL
7440-38-2	M Arsenic		BDL	10	BDL	10	BDL	10	BDL	24
7440-39-3	M Barium		BDL	200		230		BDL	200	1100
7440-41-7	M Beryllium		BDL	5	BDL	5	BDL	5	BDL	5
7440-43-9	M Cadmium		BDL	5	BDL	5	BDL	5	BDL	28
7440-70-2	M Calcium			9600		15000		18000		56000
7440-47-3	M Chromium		BDL	10	BDL	10	BDL	10	BDL	10
7440-48-4	M Cobalt		BDL	50	BDL	50	BDL	50	BDL	62
7440-50-8	M Copper		BDL	25	BDL	25	BDL	25	BDL	51
7439-89-6	M Iron			3200		18000		20000		300000
7439-92-1	M Lead			3		4		3.8		280
7439-95-4	M Magnesium		BDL	5000		5620		BDL	5000	10000
7439-96-5	M Manganese			480		6120		840		8400
7439-97-6	M Mercury		BDL	0.2	BDL	0.2	BDL	0.2	BDL	0.7
7440-02-0	M Nickel		BDL	40	BDL	40	BDL	40	BDL	59
7440-09-7	M Potassium		BDL	5000	BDL	5000	5800	BDL	5000	6200
7782-49-2	M Selenium		BDL	5	BDL	5	BDL	5	BDL	5
7440-22-4	M Silver		BDL	10	BDL	10	BDL	10	BDL	10
7440-23-5	M Sodium			47000		13000		26000		37000
7440-28-0	M Thallium		BDL	0	bdl	0	BDL	5	BDL	5
7440-62-2	M Vanadium		BDL	50	BDL	50	BDL	50	BDL	50
7440-66-6	M Zinc			56		20		52		1300
	M Cyanide		BDL	0.005	BDL	0.005	BDL	0.005	BDL	0.005

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B1-2		INDIAN HEAD 42B1-6		INDIAN HEAD 42B2-2		INDIAN HEAD 42B2-3	
			SOIL ug/kg		SOIL ug/kg		SOIL ug/kg		SOIL ug/kg	
VOLATILES										
74-87-3	V Chloromethane		BDL	10	BDL	10	BDL	10	BDL	10
74-83-9	V Bromomethane		BDL	10	BDL	10	BDL	10	BDL	10
75-01-4	V Vinyl Chloride		BDL	10	BDL	10	BDL	10	BDL	10
75-00-3	V Chloroethane		BDL	10	BDL	10	BDL	10	BDL	10
75-09-2	V Methylane Chloride			9	BDL	10	BDL	10	BDL	10
67-64-1	V Acetone		BDL	10	BDL	10	BDL	10	BDL	10
75-15-0	V Carbon Disulfide		BDL	10	BDL	10	BDL	10	BDL	10
75-35-4	V 1,1-Dichloroethene		BDL	10	BDL	10	BDL	10	BDL	10
75-34-3	V 1,1-Dichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
540-59-0	V 1,2-Dichloroethene(total)		BDL	10	BDL	10	BDL	10	BDL	10
67-66-3	V Chlorofom		BDL	10	BDL	10	BDL	10	BDL	10
107-06-2	V 1,2-Dichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
78-93-3	V 2-Butanone		BDL	10	BDL	10	BDL	10	BDL	10
71-55-6	V 1,1,1-Trichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
58-23-5	V Carbon Tetrachloride		BDL	10	BDL	10	BDL	10	BDL	10
75-27-4	V Bromodichloromethane		BDL	10	BDL	10	BDL	10	BDL	10
78-87-5	V 1,2-Dichloropropane		BDL	10	BDL	10	BDL	10	BDL	10
10061-01-5	V cis-1,3-Dichloropropene		BDL	10	BDL	10	BDL	10	BDL	10
79-01-6	V Trichloroethene		BDL	10	BDL	10	BDL	10	BDL	10
124-48-1	V Dibromochloromethane		BDL	10	BDL	10	BDL	10	BDL	10
79-00-5	V 1,1,2-Trichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
71-43-2	V Benzene		BDL	10	BDL	10	BDL	10	BDL	10
10061-02-6	V Trans-1,3-Dichloropropene		BDL	10	BDL	10	BDL	10	BDL	10
75-25-2	V Bromoform		BDL	10	BDL	10	BDL	10	BDL	10
108-10-1	V 4-Methyl-2-Pentanone		BDL	10	BDL	10	BDL	10	BDL	10
591-78-6	V 2-Hexanone		BDL	10	BDL	10	BDL	10	BDL	10
127-18-4	V Tetrachloroethene		BDL	10	BDL	10	BDL	10	BDL	10
79-34-5	V 1,1,2,2-Tetrachloroethane		BDL	10	BDL	10	BDL	10	BDL	10
108-88-3	V Toluene		BDL	10	BDL	10	BDL	10	BDL	10
108-90-7	V Chlorobenzene		BDL	10	BDL	10	BDL	10	BDL	10
100-41-4	V Ethylbenzene		BDL	10	BDL	10	BDL	10	BDL	10
100-42-5	V Styrene		BDL	10	BDL	10	BDL	10	BDL	10
1330-20-7	V Xylenes (Total)		BDL	10	BDL	10	BDL	10	BDL	10
SEMI-VOLATILES										
108-95-2	A Phenol		BDL	330	BDL	330	BDL	330	BDL	330
111-44-4	A Bis(2-Chloroethyl)ether		BDL	330	BDL	330	BDL	330	BDL	330
95-57-8	A 2-Chlorophenol		BDL	330	BDL	330	BDL	330	BDL	330
541-73-1	A 1,3-Dichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
106-46-7	A 1,4-Dichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
95-50-1	A 1,2-Dichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
95-48-7	A 2-Methylphenol		BDL	330	BDL	330	BDL	330	BDL	330
108-60-1	A 2,2'-oxybis(1-Choloropropane)		BDL	330	BDL	330	BDL	330	BDL	330
106-44-5	A 4-Methylphenol		BDL	330	BDL	330	BDL	330	BDL	330
621-64-7	A N-Nitroso-di-n-propylamine		BDL	330	BDL	330	BDL	330	BDL	330
67-72-1	A Hexachloroethane		BDL	330	BDL	330	BDL	330	BDL	330
98-95-3	A Nitrobenzene		BDL	330	BDL	330	BDL	330	BDL	330
78-59-1	A Isophorone		BDL	330	BDL	330	BDL	330	BDL	330
88-75-5	A 2-Nitrophenol		BDL	330	BDL	330	BDL	330	BDL	330
105-67-9	A 2,4-Dimethylphenol		BDL	330	BDL	330	BDL	330	BDL	330
111-91-1	A Bis(2-Chloroethoxy)methane		BDL	330	BDL	330	BDL	330	BDL	330
120-83-2	A 2,4-Dichlorophenol		BDL	330	BDL	330	BDL	330	BDL	330
120-82-1	A 1,2,4-Trichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
91-20-3	A Naphthalene		BDL	330	BDL	330	BDL	330	BDL	330
106-47-8	A 4-Chloroaniline		BDL	330	BDL	330	BDL	330	BDL	330
87-68-3	A Hexachlorobutadiene		BDL	330	BDL	330	BDL	330	BDL	330
59-50-7	A 4-Chloro-3-methylphenol		BDL	330	BDL	330	BDL	330	BDL	330
91-57-6	A 2-Methylnaphthalene		BDL	330	BDL	330	BDL	330	BDL	330
77-47-4	A Hexachlorocyclopentadiene		BDL	330	BDL	330	BDL	330	BDL	330
88-06-2	A 2,4,6-Trichlorophenol		BDL	330	BDL	330	BDL	330	BDL	330
95-95-4	A 2,4,5-Trichlorophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
			42B1-2 SOIL ug/kg	330	42B1-6 SOIL ug/kg	330	42B2-2 SOIL ug/kg	330	42B2-3 SOIL ug/kg	330
91-58-7	A 2-Chloronaphthalene		BDL	330	BDL	330	BDL	330	BDL	330
88-74-4	A 2-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
131-11-3	A Dimethylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
208-96-8	A Acenaphthylene		BDL	330	BDL	330	BDL	330	BDL	330
606-20-2	A 2,6-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
99-09-2	A 3-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
83-32-9	A Acenaphthene		BDL	330	BDL	330	BDL	330	BDL	330
51-28-5	B 2,4-Dinitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
100-02-7	B 4-Nitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
132-64-9	B Dibenzofuran		BDL	330	BDL	330	BDL	330	BDL	330
121-14-2	B 2,4-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
84-66-2	B Diethylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
7005-72-3	B 4-Chlorophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
86-73-7	B Fluorene		BDL	330	BDL	330	BDL	330	BDL	330
100-01-6	B 4-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
534-52-1	B 4,6-Dinitro-2-methylphenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
86-30-6	B N-Nitrosodiphenylamine(1)		BDL	330	BDL	330	BDL	330	BDL	330
101-55-3	B 4-Bromophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
118-74-1	B Hexachlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
87-86-5	B Pentachlorophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
85-01-8	B Phenanthrene		BDL	330	BDL	330	BDL	330	BDL	330
120-12-7	B Anthracene		BDL	330	BDL	330	BDL	330	BDL	330
86-74-8	B Carbazole		BDL	330	BDL	330	BDL	330	BDL	330
84-74-2	B Di-n-butylphthalate	215		220		BDL		330		330
206-44-0	B Fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
129-00-0	B Pyrene		BDL	330	BDL	330	BDL	330	BDL	330
85-68-7	B Butylbenzylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
91-94-1	B 3,3'-Dichlorobenzidine		BDL	660	BDL	660	BDL	660	BDL	660
56-55-3	B Benzo(a)anthracene		BDL	330	BDL	330	BDL	330	BDL	330
218-01-9	B Chrysene		BDL	330	BDL	330	BDL	330	BDL	330
117-81-7	B bis(2-Ethylhexyl)phthalate		BDL	330	BDL	330	BDL	330	BDL	330
117-84-0	B Di-n-octylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
205-99-2	B Benzo(b)fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
207-08-0	B Benzo(k)fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
50-32-8	B Benzo(a)pyrene		BDL	330	BDL	330	BDL	330	BDL	330
193-39-5	B Indeno(1,2,3-cd)pyrene		BDL	330	BDL	330	BDL	330	BDL	330
53-70-3	B Dibenz(a,h)anthracene		BDL	330	BDL	330	BDL	330	BDL	330
191-24-2	B Benzo(g,h,i)perylene		BDL	330	BDL	330	BDL	330	BDL	330
PESTICIDES										
319-84-6	P Alpha-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-85-7	P Beta-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-86-8	P Delta-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
58-89-9	P Gamma-BHC (Lindane)		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
76-44-8	P Heptachlor		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
309-00-2	P Aldrin		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
1024-57-3	P Heptachlor epoxide		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
959-98-8	P Endosulfan I		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
60-57-1	P Dieldrin		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-55-9	P 4,4'-DDE		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-20-8	P Endrin		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
33213-65-9	P Endosulfan II		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-54-8	P 4,4'-DDD		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
1031-07-8	P Endosulfan sulfate		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
50-29-3	P 4,4'-DDT		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-43-5	P Methoxychlor		BDL	17	BDL	17	BDL	17	BDL	17
53494-70-5	P Endrin ketone		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
7421-36-3	P Endrin aldehyde		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
5103-71-9	P Alpha-Chlordane		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
5103-74-2	P Gamma-Chlordane		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
8001-35-2	P Toxaphene		BDL	170	BDL	170	BDL	170	BDL	170
12874-11-2	P Aroclor-1016		BDL	33	BDL	33	BDL	33	BDL	33

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B1-2 SOIL ug/kg		INDIAN HEAD 42B1-6 SOIL ug/kg		INDIAN HEAD 42B2-2 SOIL ug/kg		INDIAN HEAD 42B2-3 SOIL ug/kg	
11104-28-2	P Aroclor-1221		BDL	67	BDL	67	BDL	67	BDL	67
11141-18-5	P Aroclor-1232		BDL	33	BDL	33	BDL	33	BDL	33
53469-21-9	P Aroclor-1242		BDL	33	BDL	33	BDL	33	BDL	33
12672-29-6	P Aroclor-1248		BDL	33	BDL	33	BDL	33	BDL	33
11097-69-1	P Aroclor-1254		BDL	33	BDL	33	BDL	33	BDL	33
11066-82-5	P Aroclor-1260		BDL	33	BDL	33	BDL	33	BDL	33
INORGANICS UNITS			mg/kg		mg/kg		mg/kg		mg/kg	
7429-90-5	M Aluminum		10200		5260		13000		14300	
7440-36-0	M Antimony		BDL	12	BDL	12	BDL	12	BDL	12
7440-38-2	M Arsenic		BDL	10	BDL	10	BDL	10	BDL	10
7440-39-3	M Barium		98		BDL	1	75		76	
7440-41-7	M Beryllium		BDL	1	BDL	1	BDL	1	BDL	1
7440-43-9	M Cadmium		BDL	1	BDL	1	BDL	1	BDL	1
7440-70-2	M Calcium		BDL	1000	BDL	1000	BDL	1000	BDL	1000
7440-47-3	M Chromium		10		6		18		15	
7440-48-4	M Cobalt		18		BDL	1	BDL	1	BDL	1
7440-50-8	M Copper		10		BDL	1	11		BDL	1
7439-89-6	M Iron		46500		2200		44800		19000	
7439-92-1	M Lead		6		6		14		11	
7439-95-4	M Magnesium		1700		BDL	1000	1410		1310	
7439-98-5	M Manganese		34		75		141		71	
7439-97-6	M Mercury		BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
7440-02-0	M Nickel		27		BDL	2	13		13	
7440-09-7	M Potassium		BDL	1000	BDL	1000	BDL	1000	BDL	1000
7782-49-2	M Selenium		BDL	5	BDL	5	BDL	5	BDL	5
7440-22-4	M Silver		BDL	1	BDL	1	BDL	1	BDL	1
7440-23-5	M Sodium		BDL	1000	BDL	1000	BDL	1000	BDL	1000
7440-28-0	M Thallium		BDL	3	BDL	3	BDL	3	BDL	3
7440-62-2	M Vanadium		25		21		40		27	
7440-66-6	M Zinc		60		10		44		34	
	M Cyanide		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B2-5		INDIAN HEAD 42B2-6		INDIAN HEAD 42B3-2		INDIAN HEAD 42B3-4	
			SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg		
VOLATILES										
74-87-3	V	Chloromethane	BDL	10	BDL	10	BDL	10	BDL	10
74-83-9	V	Bromomethane	BDL	10	BDL	10	BDL	10	BDL	10
75-01-4	V	Vinyl Chloride	BDL	10	BDL	10	BDL	10	BDL	10
75-00-3	V	Chloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-09-2	V	Methylene Chloride		7	BDL	10	40		19	
67-64-1	V	Acetone	BDL	10	BDL	10	BDL	10	BDL	10
75-15-0	V	Carbon Disulfide	BDL	10	BDL	10	BDL	10	BDL	10
75-35-4	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-34-3	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
540-59-0	V	1,2-Dichloroethane(total)	BDL	10	BDL	10	BDL	10	BDL	10
67-66-3	V	Chloroform	BDL	10	BDL	10	BDL	10	BDL	10
107-06-2	V	1,2-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
78-93-3	V	2-Butanone	BDL	10	BDL	10	BDL	10	BDL	10
71-55-6	V	1,1,1-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
56-23-5	V	Carbon Tetrachloride	BDL	10	BDL	10	BDL	10	BDL	10
75-27-4	V	Bromodichloromethane	BDL	10	BDL	10	BDL	10	BDL	10
78-87-5	V	1,2-Dichloropropane	BDL	10	BDL	10	BDL	10	BDL	10
10061-01-5	V	cis-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
79-01-6	V	Trichloroethene	BDL	10	BDL	10	BDL	10	BDL	10
124-48-1	V	Dibromochloromethane	BDL	10	BDL	10	BDL	10	BDL	10
79-00-5	V	1,1,2-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
71-43-2	V	Benzene	BDL	10	BDL	10	BDL	10	BDL	10
10061-02-6	V	Trans-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
75-25-2	V	Bromoform	BDL	10	BDL	10	BDL	10	BDL	10
108-10-1	V	4-Methyl-2-Pentanone	BDL	10	BDL	10	BDL	10	BDL	10
591-78-6	V	2-Hexanone	BDL	10	BDL	10	BDL	10	BDL	10
127-18-4	V	Tetrachloroethene	BDL	10	BDL	10	BDL	10	BDL	10
79-34-5	V	1,1,2,2-Tetrachloroethane	BDL	10	BDL	10	BDL	10	BDL	10
108-88-3	V	Toluene	BDL	10	BDL	10	BDL	10	BDL	10
108-90-7	V	Chlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-41-4	V	Ethylbenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-42-5	V	Styrene	BDL	10	BDL	10	BDL	10	BDL	10
1330-20-7	V	Xylenes (Total)	BDL	10	BDL	10	BDL	10	BDL	10
SEMI-VOLATILES										
108-95-2	A	Phenol	BDL	330	BDL	330	BDL	330	BDL	330
111-44-4	A	Bis(2-Chloroethyl)ether	BDL	330	BDL	330	BDL	330	BDL	330
95-57-8	A	2-Chlorophenol	BDL	330	BDL	330	BDL	330	BDL	330
541-73-1	A	1,3-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
106-46-7	A	1,4-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
95-50-1	A	1,2-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
95-48-7	A	2-Methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
108-60-1	A	2,2'-oxybis(1-Chloropropane)	BDL	330	BDL	330	BDL	330	BDL	330
106-44-5	A	4-Methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
621-64-7	A	N-Nitroso-di-n-propylamine	BDL	330	BDL	330	BDL	330	BDL	330
67-72-1	A	Hexachloroethane	BDL	330	BDL	330	BDL	330	BDL	330
98-95-3	A	Nitrobenzene	BDL	330	BDL	330	BDL	330	BDL	330
78-59-1	A	Isophorone	BDL	330	BDL	330	BDL	330	BDL	330
88-75-5	A	2-Nitrophenol	BDL	330	BDL	330	BDL	330	BDL	330
105-87-9	A	2,4-Dimethylphenol	BDL	330	BDL	330	BDL	330	BDL	330
111-91-1	A	Bis(2-Chloroethoxy)methane	BDL	330	BDL	330	BDL	330	BDL	330
120-83-2	A	2,4-Dichlorophenol	BDL	330	BDL	330	BDL	330	BDL	330
120-82-1	A	1,2,4-Trichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
91-20-3	A	Naphthalene	BDL	330	BDL	330	BDL	330	BDL	330
106-47-8	A	4-Chloroaniline	BDL	330	BDL	330	BDL	330	BDL	330
87-68-3	A	Hexachlorobutadiene	BDL	330	BDL	330	BDL	330	BDL	330
59-50-7	A	4-Chloro-3-methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
91-57-6	A	2-Methylnaphthalene	BDL	330	BDL	330	BDL	330	BDL	330
77-47-4	A	Hexachlorocyclopentadiene	BDL	330	BDL	330	BDL	330	BDL	330
88-06-2	A	2,4,6-Trichlorophenol	BDL	330	BDL	330	BDL	330	BDL	330
95-95-4	A	2,4,5-Trichlorophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
			42B2-5 SOIL ug/kg	42B2-6 SOIL ug/kg	42B3-2 SOIL ug/kg	42B3-4 SOIL ug/kg	42B3-2 SOIL ug/kg	42B3-4 SOIL ug/kg		
91-58-7	A 2-Chloronaphthalene		BDL	330	BDL	330	BDL	330	BDL	330
88-74-4	A 2-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
131-11-3	A Dimethylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
208-96-8	A Acenaphthylene		BDL	330	BDL	330	BDL	330	BDL	330
606-20-2	A 2,6-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
99-09-2	A 3-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
83-32-9	A Acenaphthene		BDL	330	BDL	330	BDL	330	BDL	330
51-28-5	B 2,4-Dinitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
100-02-7	B 4-Nitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
132-64-9	B Dibenzofuran		BDL	330	BDL	330	BDL	330	BDL	330
121-14-2	B 2,4-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
84-66-2	B Diethylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
7005-72-3	B 4-Chlorophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
86-73-7	B Fluorene		BDL	330	BDL	330	BDL	330	BDL	330
100-01-6	B 4-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
534-52-1	B 4,6-Dinitro-2-methylphenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
86-30-6	B N-Nitrosodiphenylamine(1)		BDL	330	BDL	330	BDL	330	BDL	330
101-55-3	B 4-Bromophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
118-74-1	B Hexachlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
87-86-5	B Pentachlorophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
85-01-8	B Phenanthrene		BDL	330	BDL	330	BDL	330	BDL	330
120-12-7	B Anthracene		BDL	330	BDL	330	BDL	330	BDL	330
86-74-8	B Carbazole		BDL	330	BDL	330	BDL	330	BDL	330
84-74-2	B Di-n-butylphthalate		361		273		342		238	
206-44-0	B Fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
129-00-0	B Pyrene		BDL	330	BDL	330	BDL	330	BDL	330
85-68-7	B Butylbenzylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
91-94-1	B 3,3'-Dichlorobenzidine		BDL	660	BDL	660	BDL	660	BDL	660
56-55-3	B Benzo(a)anthracene		BDL	330	BDL	330	BDL	330	BDL	330
218-01-9	B Chrysene		BDL	330	BDL	330	BDL	330	BDL	330
117-81-7	B bis(2-Ethylhexyl)phthalate		BDL	330	BDL	330	BDL	330	BDL	330
117-84-0	B Di-n-octylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
205-99-2	B Benzo(b)fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
207-08-9	B Benzo(k)fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
50-32-8	B Benzo(a)pyrene		BDL	330	BDL	330	BDL	330	BDL	330
193-39-5	B Indeno(1,2,3-cd)pyrene		BDL	330	BDL	330	BDL	330	BDL	330
53-70-3	B Dibenz(a,h)anthracene		BDL	330	BDL	330	BDL	330	BDL	330
191-24-2	B Benzo(g,h,i)perylene		BDL	330	BDL	330	BDL	330	BDL	330
PESTICIDES										
319-84-6	P Alpha-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-85-7	P Beta-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-86-8	P Delta-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
58-89-9	P Gamma-BHC (Lindane)		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
76-44-8	P Heptachlor		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
309-00-2	P Aldrin		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
1024-57-3	P Heptachlor epoxide		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
959-98-8	P Endosulfan I		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
60-57-1	P Dieldrin		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-55-9	P 4,4'-DDE		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-20-8	P Endrin		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
33213-65-9	P Endosulfan II		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-54-8	P 4,4'-DDD		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
1031-07-8	P Endosulfan sulfate		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
50-29-3	P 4,4'-DDT		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-43-5	P Methoxychlor		BDL	17	BDL	17	BDL	17	BDL	17
53494-70-5	P Endrin ketone		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
7421-36-3	P Endrin aldehyde		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
5103-71-9	P Alpha-Chlordane		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
5103-74-2	P Gamma-Chlordane		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
8001-35-2	P Toxaphene		BDL	170	BDL	170	BDL	170	BDL	170
12674-11-2	P Aroclor-1016		BDL	33	BDL	33	BDL	33	BDL	33

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B2-5		INDIAN HEAD 42B2-6		INDIAN HEAD 42B3-2		INDIAN HEAD 42B3-4	
			SOIL ug/kg		SOIL ug/kg		SOIL ug/kg		SOIL ug/kg	
11104-28-2	P	Aroclor-1221	BDL	67	BDL	67	BDL	67	BDL	67
11141-16-5	P	Aroclor-1232	BDL	33	BDL	33	BDL	33	BDL	33
53469-21-9	P	Aroclor-1242	BDL	33	BDL	33	BDL	33	BDL	33
12672-29-6	P	Aroclor-1248	BDL	33	BDL	33	BDL	33	BDL	33
11097-69-1	P	Aroclor-1254	BDL	33	BDL	33	BDL	33	BDL	33
11098-82-5	P	Aroclor-1260	BDL	33	BDL	33	BDL	33	BDL	33
INORGANICS			UNITS		mg/kg		mg/kg		mg/kg	
7429-90-5	M	Aluminum		8530		5220		18300		14300
7440-36-0	M	Antimony	BDL	12	BDL	12	BDL	12	BDL	12
7440-38-2	M	Arsenic	BDL	10	BDL	10	BDL	10	BDL	10
7440-39-3	M	Barium		85		63		57		99
7440-41-7	M	Beryllium	BDL	1	BDL	1	BDL	1	BDL	1
7440-43-9	M	Cadmium		2		1		1		1
7440-70-2	M	Calcium	BDL	1000	BDL	1000	BDL	1000	BDL	1000
7440-47-3	M	Chromium		10		11		12		13
7440-48-4	M	Cobalt		14	BDL	1	BDL	1	BDL	1
7440-50-8	M	Copper		6	BDL	1		9		24
7439-89-6	M	Iron		50500		14900		29300		76200
7439-92-1	M	Lead		14		4		12		10
7439-95-4	M	Magnesium		1680		1490	BDL	1000		1550
7439-96-5	M	Manganese		180		56		74		143
7439-97-6	M	Mercury	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
7440-02-0	M	Nickel		25		22		11		18
7440-09-7	M	Potassium	BDL	1000	BDL	1000	BDL	1000	BDL	1000
7782-49-2	M	Selenium	BDL	5	BDL	5	BDL	5	BDL	5
7440-22-4	M	Silver	BDL	1	BDL	1	BDL	1	BDL	1
7440-23-5	M	Sodium	BDL	1000	BDL	1000	BDL	1000	BDL	1000
7440-28-0	M	Thallium	BDL	3	BDL	3	BDL	3	BDL	3
7440-62-2	M	Vanadium		32		15		27		8
7440-66-6	M	Zinc		58		40		31		43
	M	Cyanide	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B3-8		INDIAN HEAD 42B4-2		INDIAN HEAD 42B4-4		INDIAN HEAD 42B4-6	
			SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg		
VOLATILES										
74-87-3	V Chloromethane		BDL	10	BDL	10	BDL	10	BDL	10
74-83-9	V Bromomethane		BDL	10	BDL	10	BDL	10	BDL	10
75-01-4	V Vinyl Chloride		BDL	10	BDL	10	BDL	10	BDL	10
75-00-3	V Chloroethane		BDL	10	BDL	10	BDL	10	BDL	10
75-09-2	V Methylene Chloride		18		10		12		9	
67-64-1	V Acetone		BDL	10	BDL	10	BDL	10	BDL	10
75-15-0	V Carbon Disulfide		BDL	10	BDL	10	BDL	10	BDL	10
75-35-4	V 1,1-Dichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
75-34-3	V 1,1-Dichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
540-59-0	V 1,2-Dichloroethane (total)		BDL	10	BDL	10	BDL	10	BDL	10
67-66-3	V Chloroform		BDL	10	BDL	10	BDL	10	BDL	10
107-06-2	V 1,2-Dichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
78-93-3	V 2-Butanone		BDL	10	BDL	10	BDL	10	BDL	10
71-55-6	V 1,1,1-Trichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
56-23-5	V Carbon Tetrachloride		BDL	10	BDL	10	BDL	10	BDL	10
75-27-4	V Bromodichloromethane		BDL	10	BDL	10	BDL	10	BDL	10
78-87-5	V 1,2-Dichloropropane		BDL	10	BDL	10	BDL	10	BDL	10
10061-01-5	V cis-1,3-Dichloropropene		BDL	10	BDL	10	BDL	10	BDL	10
79-01-6	V Trichloroethene		BDL	10	BDL	10	BDL	10	BDL	10
124-48-1	V Dibromochloromethane		BDL	10	BDL	10	BDL	10	BDL	10
79-00-5	V 1,1,2-Trichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
71-43-2	V Benzene		BDL	10	BDL	10	BDL	10	BDL	10
10061-02-6	V Trans-1,3-Dichloropropene		BDL	10	BDL	10	BDL	10	BDL	10
75-25-2	V Bromoform		BDL	10	BDL	10	BDL	10	BDL	10
108-10-1	V 4-Methyl-2-Pentanone		BDL	10	BDL	10	BDL	10	BDL	10
591-78-6	V 2-Hexanone		BDL	10	BDL	10	BDL	10	BDL	10
127-18-4	V Tetrachloroethene		BDL	10	BDL	10	BDL	10	BDL	10
79-34-5	V 1,1,2,2-Tetrachloroethane		BDL	10	BDL	10	BDL	10	BDL	10
108-88-3	V Toluene		BDL	10	BDL	10	BDL	10	BDL	10
108-90-7	V Chlorobenzene		BDL	10	BDL	10	BDL	10	BDL	10
100-41-4	V Ethylbenzene		BDL	10	BDL	10	BDL	10	BDL	10
100-42-5	V Styrene		BDL	10	BDL	10	BDL	10	BDL	10
1330-20-7	V Xylenes (Total)		BDL	10	BDL	10	BDL	10	BDL	10
SEMI-VOLATILES										
108-95-2	A Phenol		BDL	330	BDL	330	BDL	330	BDL	330
111-44-4	A Bis(2-Chloroethyl)ether		BDL	330	BDL	330	BDL	330	BDL	330
95-57-8	A 2-Chlorophenol		BDL	330	BDL	330	BDL	330	BDL	330
541-73-1	A 1,3-Dichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
106-46-7	A 1,4-Dichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
95-50-1	A 1,2-Dichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
95-48-7	A 2-Methylphenol		BDL	330	BDL	330	BDL	330	BDL	330
108-60-1	A 2,2'-oxybis(1-Chloropropane)		BDL	330	BDL	330	BDL	330	BDL	330
106-44-5	A 4-Methylphenol		BDL	330	BDL	330	BDL	330	BDL	330
621-64-7	A N-Nitroso-di-n-propylamine		BDL	330	BDL	330	BDL	330	BDL	330
67-72-1	A Hexachloroethane		BDL	330	BDL	330	BDL	330	BDL	330
98-95-3	A Nitrobenzene		BDL	330	BDL	330	BDL	330	BDL	330
78-59-1	A Isophorone		BDL	330	BDL	330	BDL	330	BDL	330
88-75-5	A 2-Nitrophenol		BDL	330	BDL	330	BDL	330	BDL	330
105-87-9	A 2,4-Dimethylphenol		BDL	330	BDL	330	BDL	330	BDL	330
111-91-1	A Bis(2-Chloroethoxy)methane		BDL	330	BDL	330	BDL	330	BDL	330
120-83-2	A 2,4-Dichlorophenol		BDL	330	BDL	330	BDL	330	BDL	330
120-82-1	A 1,2,4-Trichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
91-20-3	A Naphthalene		BDL	330	BDL	330	BDL	330	BDL	330
106-47-8	A 4-Chloroaniline		BDL	330	BDL	330	BDL	330	BDL	330
87-68-3	A Hexachlorobutadiene		BDL	330	BDL	330	BDL	330	BDL	330
59-50-7	A 4-Chloro-3-methylphenol		BDL	330	BDL	330	BDL	330	BDL	330
91-57-6	A 2-Methylnaphthalene		BDL	330	BDL	330	BDL	330	BDL	330
77-47-4	A Hexachlorocyclopentadiene		BDL	330	BDL	330	BDL	330	BDL	330
88-06-2	A 2,4,6-Trichlorophenol		BDL	330	BDL	330	BDL	330	BDL	330
95-95-4	A 2,4,5-Trichlorophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
			42B3-6 SOIL ug/kg	42B4-2 SOIL ug/kg	42B4-4 SOIL ug/kg	42B4-6 SOIL ug/kg	42B4-6 SOIL ug/kg	42B4-6 SOIL ug/kg		
91-58-7	A 2-Chloronaphthalene		BDL	330	BDL	330	BDL	330	BDL	330
88-74-4	A 2-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
131-11-3	A Dimethylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
208-96-8	A Acenaphthylene		BDL	330	BDL	330	BDL	330	BDL	330
606-20-2	A 2,6-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
99-09-2	A 3-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
83-32-9	A Acenaphthene		BDL	330	BDL	330	BDL	330	BDL	330
51-28-5	B 2,4-Dinitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
100-02-7	B 4-Nitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
132-64-9	B Dibenzofuran		BDL	330	BDL	330	BDL	330	BDL	330
121-14-2	B 2,4-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
84-66-2	B Diethylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
7005-72-3	B 4-Chlorophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
86-73-7	B Fluorene		BDL	330	BDL	330	BDL	330	BDL	330
100-01-6	B 4-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
534-52-1	B 4,6-Dinitro-2-methylphenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
86-30-6	B N-Nitrosodiphenylamine(1)		BDL	330	BDL	330	BDL	330	BDL	330
101-55-3	B 4-Bromophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
118-74-1	B Hexachlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
87-86-5	B Pentachlorophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
85-01-8	B Phenanthrene		BDL	330	BDL	330	BDL	330	BDL	330
120-12-7	B Anthracene		BDL	330	BDL	330	BDL	330	BDL	330
86-74-8	B Carbazole		BDL	330	BDL	330	BDL	330	BDL	330
84-74-2	B Di-n-butylphthalate	331		286		225		306		
206-44-0	B Fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
129-00-0	B Pyrene		BDL	330	BDL	330	BDL	330	BDL	330
85-68-7	B Butylbenzylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
91-94-1	B 3,3'-Dichlorobenzidine		BDL	660	BDL	660	BDL	660	BDL	660
56-55-3	B Benzo(a)anthracene		BDL	330	BDL	330	BDL	330	BDL	330
218-01-9	B Chrysene		BDL	330	BDL	330	BDL	330	BDL	330
117-81-7	B bis(2-Ethylhexyl)phthalate		BDL	330	BDL	330	BDL	330	BDL	330
117-84-0	B Di-n-octylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
205-99-2	B Benzo(b)fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
207-08-9	B Benzo(k)fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
50-32-8	B Benzo(a)pyrene		BDL	330	BDL	330	BDL	330	BDL	330
193-39-5	B Indeno(1,2,3-cd)pyrene		BDL	330	BDL	330	BDL	330	BDL	330
53-70-3	B Dibenz(a,h)anthracene		BDL	330	BDL	330	BDL	330	BDL	330
191-24-2	B Benzo(g,h,i)perylene		BDL	330	BDL	330	BDL	330	BDL	330
PESTICIDES										
319-84-6	P Alpha-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-85-7	P Beta-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-86-8	P Delta-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
58-89-9	P Gamma-BHC (Lindane)		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
76-44-8	P Heptachlor		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
309-00-2	P Aldrin		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
1024-57-3	P Heptachlor epoxide		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
959-98-8	P Endosulfan I		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
60-57-1	P Dieldrin		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-55-9	P 4,4'-DDE		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-20-8	P Endrin		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
33213-65-9	P Endosulfan II		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-54-8	P 4,4'-DDD		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
1031-07-8	P Endosulfan sulfate		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
50-29-3	P 4,4'-DDT		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-43-5	P Methoxychlor		BDL	17	BDL	17	BDL	17	BDL	17
53494-70-5	P Endrin ketone		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
7421-36-3	P Endrin aldehyde		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
5103-71-9	P Alpha-Chlordane		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
5103-74-2	P Gamma-Chlordane		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
8001-35-2	P Toxaphene		BDL	170	BDL	170	BDL	170	BDL	170
12674-11-2	P Aroclor-1016		BDL	33	BDL	33	BDL	33	BDL	33

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
		SAMPLE MATRIX UNITS	42B3-0 SOIL ug/kg	67	42B4-2 SOIL ug/kg	33	42B4-4 SOIL ug/kg	33	42B4-6 SOIL ug/kg	33
11104-28-2	P Aroclor-1221		BDL	67	BDL	67	BDL	67	BDL	67
11141-16-5	P Aroclor-1232		BDL	33	BDL	33	BDL	33	BDL	33
53469-21-9	P Aroclor-1242		BDL	33	BDL	33	BDL	33	BDL	33
12672-29-6	P Aroclor-1248		BDL	33	BDL	33	BDL	33	BDL	33
11097-69-1	P Aroclor-1254		BDL	33	BDL	33	BDL	33	BDL	33
11095-82-5	P Aroclor-1260		BDL	33	BDL	33	BDL	33	BDL	33
INORGANICS		UNITS	mg/kg		mg/kg		mg/kg		mg/kg	
7429-90-5	M Aluminum		3440		11200		16500		5870	
7440-38-0	M Antimony		BDL	12	BDL	12	BDL	12	BDL	12
7440-38-2	M Arsenic		BDL	10	BDL	10	BDL	10	BDL	10
7440-39-3	M Barium		BDL	1	87		BDL	1	54	
7440-41-7	M Beryllium		BDL	1	BDL	1	BDL	1	BDL	1
7440-43-9	M Cadmium		BDL	1	BDL	1	BDL	1	BDL	1
7440-70-2	M Calcium		BDL	1000	BDL	1000	BDL	1000	BDL	1000
7440-47-3	M Chromium		23		9		9		12	
7440-48-4	M Cobalt		BDL	1	16		BDL	1	BDL	1
7440-50-8	M Copper		BDL	1	8		BDL	1	BDL	1
7439-89-6	M Iron		3310		33100		3310		20800	
7439-92-1	M Lead		BDL	3	10		14		8	
7439-95-4	M Magnesium		BDL	1000	1260		BDL	1000	BDL	1000
7439-96-5	M Manganese		29		107		496		108	
7439-97-6	M Mercury		BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
7440-02-0	M Nickel		BDL	2	15		9		10	
7440-09-7	M Potassium		BDL	1000	BDL	1000	BDL	1000	BDL	1000
7782-49-2	M Selenium		BDL	5	BDL	5	BDL	5	BDL	5
7440-22-4	M Silver		BDL	1	BDL	1	BDL	1	BDL	1
7440-23-5	M Sodium		BDL	1000	BDL	1000	BDL	1000	BDL	1000
7440-28-0	M Thallium		BDL	3	BDL	1	BDL	1	BDL	1
7440-62-2	M Vanadium		11		19		28		12	
7440-66-6	M Zinc		11		32		12		12	
	M Cyanide		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B5-2		INDIAN HEAD 42B5-4		INDIAN HEAD 42B5-7		INDIAN HEAD 42B6-3	
			SOIL ug/kg	ug/kg	SOIL ug/kg	ug/kg	SOIL ug/kg	ug/kg	SOIL ug/kg	ug/kg
VOLATILES										
74-87-3	V	Chloromethane	BDL	10	BDL	10	BDL	10	BDL	10
74-83-9	V	Bromomethane	BDL	10	BDL	10	BDL	10	BDL	10
75-01-4	V	Vinyl Chloride	BDL	10	BDL	10	BDL	10	BDL	10
75-00-3	V	Chloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-09-2	V	Methylene Chloride		6		8		6		10
67-64-1	V	Acetone	BDL	10	BDL	10	BDL	10	BDL	10
75-15-0	V	Carbon Disulfide	BDL	10	BDL	10	BDL	10	BDL	10
75-35-4	V	1,1-Dichloroethene	BDL	10	BDL	10	BDL	10	BDL	10
75-34-3	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
540-59-0	V	1,2-Dichloroethene (total)	BDL	10	BDL	10	BDL	10	BDL	10
67-66-3	V	Chloroform	BDL	10	BDL	10	BDL	10	BDL	10
107-06-2	V	1,2-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
78-93-3	V	2-Butanone	BDL	10	BDL	10	BDL	10	BDL	10
71-55-6	V	1,1,1-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
56-23-5	V	Carbon Tetrachloride	BDL	10	BDL	10	BDL	10	BDL	10
75-27-4	V	Bromodichloromethane	BDL	10	BDL	10	BDL	10	BDL	10
78-87-5	V	1,2-Dichloropropane	BDL	10	BDL	10	BDL	10	BDL	10
10061-01-5	V	cis-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
79-01-6	V	Trichloroethene	BDL	10	BDL	10	BDL	10	BDL	10
124-48-1	V	Dibromochloromethane	BDL	10	BDL	10	BDL	10	BDL	10
79-00-5	V	1,1,2-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
71-43-2	V	Benzene	BDL	10	BDL	10	BDL	10	BDL	10
10061-02-6	V	Trans-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
75-25-2	V	Bromoform	BDL	10	BDL	10	BDL	10	BDL	10
108-10-1	V	4-Methyl-2-Pentanone	BDL	10	BDL	10	BDL	10	BDL	10
591-78-6	V	2-Hexanone	BDL	10	BDL	10	BDL	10	BDL	10
127-18-4	V	Tetrachloroethene	BDL	10	BDL	10	BDL	10	BDL	10
79-34-5	V	1,1,2,2-Tetrachloroethane	BDL	10	BDL	10	BDL	10	BDL	10
108-88-3	V	Toluene	BDL	10	BDL	10	BDL	10	BDL	10
108-90-7	V	Chlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-41-4	V	Ethylbenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-42-5	V	Styrene	BDL	10	BDL	10	BDL	10	BDL	10
1330-20-7	V	Xylenes (Total)	BDL	10	BDL	10	BDL	10	BDL	10
SEMI-VOLATILES										
108-95-2	A	Phenol	BDL	330	BDL	330	BDL	330	BDL	330
111-44-4	A	Bis(2-Chloroethyl)ether	BDL	330	BDL	330	BDL	330	BDL	330
95-57-8	A	2-Chlorophenol	BDL	330	BDL	330	BDL	330	BDL	330
541-73-1	A	1,3-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
106-48-7	A	1,4-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
95-50-1	A	1,2-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
95-48-7	A	2-Methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
108-60-1	A	2,2'-oxybis(1-Chloropropane)	BDL	330	BDL	330	BDL	330	BDL	330
106-44-6	A	4-Methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
621-64-7	A	N-Nitroso-di-n-propylamine	BDL	330	BDL	330	BDL	330	BDL	330
67-72-1	A	Hexachloroethane	BDL	330	BDL	330	BDL	330	BDL	330
98-95-3	A	Nitrobenzene	BDL	330	BDL	330	BDL	330	BDL	330
78-59-1	A	Isophorone	BDL	330	BDL	330	BDL	330	BDL	330
88-75-5	A	2-Nitrophenol	BDL	330	BDL	330	BDL	330	BDL	330
105-67-9	A	2,4-Dimethylphenol	BDL	330	BDL	330	BDL	330	BDL	330
111-91-1	A	Bis(2-Chloroethoxy)methane	BDL	330	BDL	330	BDL	330	BDL	330
120-83-2	A	2,4-Dichlorophenol	BDL	330	BDL	330	BDL	330	BDL	330
120-82-1	A	1,2,4-Trichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
91-20-3	A	Naphthalene	BDL	330	BDL	330	BDL	330	BDL	330
106-47-8	A	4-Chloroaniline	BDL	330	BDL	330	BDL	330	BDL	330
87-68-3	A	Hexachlorobutadiene	BDL	330	BDL	330	BDL	330	BDL	330
59-50-7	A	4-Chloro-3-methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
91-57-6	A	2-Methylnaphthalene	BDL	330	BDL	330	BDL	330	BDL	330
77-47-4	A	Hexachlorocyclopentadiene	BDL	330	BDL	330	BDL	330	BDL	330
88-06-2	A	2,4,6-Trichlorophenol	BDL	330	BDL	330	BDL	330	BDL	330
95-95-4	A	2,4,5-Trichlorophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
			42B5-2 SOIL ug/kg	42B5-4 SOIL ug/kg	42B5-4 SOIL ug/kg	42B5-7 SOIL ug/kg	42B5-7 SOIL ug/kg	42B5-7 SOIL ug/kg	42B6-3 SOIL ug/kg	42B6-3 SOIL ug/kg
91-58-7	A 2-Chloronaphthalene		BDL	330	BDL	330	BDL	330	BDL	330
88-74-4	A 2-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
131-11-3	A Dimethylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
208-96-8	A Acenaphthylene		BDL	330	BDL	330	BDL	330	BDL	330
606-20-2	A 2,6-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
99-09-2	A 3-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
83-32-9	A Acenaphthene		BDL	330	BDL	330	BDL	330	BDL	330
51-28-5	B 2,4-Dinitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
100-02-7	B 4-Nitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
132-64-9	B Dibenzofuran		BDL	330	BDL	330	BDL	330	BDL	330
121-14-2	B 2,4-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
84-66-2	B Diethylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
7005-72-3	B 4-Chlorophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
86-73-7	B Fluorene		BDL	330	BDL	330	BDL	330	BDL	330
100-01-6	B 4-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
534-52-1	B 4,6-Dinitro-2-methylphenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
86-30-6	B N-Nitrosodiphenylamine(1)		BDL	330	BDL	330	BDL	330	BDL	330
101-55-3	B 4-Bromophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
118-74-1	B Hexachlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
87-88-5	B Pentachlorophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
85-01-8	B Phenanthrene		BDL	330	BDL	330	BDL	330	BDL	330
120-12-7	B Anthracene		BDL	330	BDL	330	BDL	330	BDL	330
86-74-8	B Carbazole		BDL	330	BDL	330	BDL	330	BDL	330
84-74-2	B Di-n-butylphthalate		BDL	330	BDL	330	333		198	
208-44-0	B Fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
129-00-0	B Pyrene		BDL	330	BDL	330	BDL	330	BDL	330
85-68-7	B Butylbenzylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
91-94-1	B 3,3'-Dichlorobenzidine		BDL	660	BDL	660	BDL	660	BDL	660
56-55-3	B Benzo(a)anthracene		BDL	330	BDL	330	BDL	330	BDL	330
218-01-9	B Chrysene		BDL	330	BDL	330	BDL	330	BDL	330
117-81-7	B bis(2-Ethylhexyl)phthalate		BDL	330	BDL	330	BDL	330	BDL	330
117-84-0	B Di-n-octylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
205-99-2	B Benzo(b)fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
207-08-9	B Benzo(k)fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
50-32-8	B Benzo(a)pyrene		BDL	330	BDL	330	BDL	330	BDL	330
193-39-5	B Indeno(1,2,3-cd)pyrene		BDL	330	BDL	330	BDL	330	BDL	330
53-70-3	B Dibenz(a,h)anthracene		BDL	330	BDL	330	BDL	330	BDL	330
191-24-2	B Benzo(g,h,i)perylene		BDL	330	BDL	330	BDL	330	BDL	330
PESTICIDES										
319-84-6	P Alpha-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-85-7	P Beta-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-86-8	P Delta-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
58-89-9	P Gamma-BHC (Lindane)		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
76-44-8	P Heptachlor		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
309-00-2	P Aldrin		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
1024-57-3	P Heptachlor epoxide		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
959-98-8	P Endosulfan I		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
60-57-1	P Dieldrin		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-55-9	P 4,4'-DDE		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-20-8	P Endrin		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
33213-65-9	P Endosulfan II		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-54-8	P 4,4'-DDD		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
1031-07-8	P Endosulfan sulfate			12	BDL	3.3	BDL	3.3	BDL	3.3
50-29-3	P 4,4'-DDT		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-43-5	P Methoxychlor		BDL	17	BDL	17	BDL	17	BDL	17
53494-70-5	P Endrin ketone		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
7421-36-3	P Endrin aldehyde		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
5103-71-9	P Alpha-Chlordane		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
5103-74-2	P Gamma-Chlordane		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
8001-35-2	P Toxaphene		BDL	170	BDL	170	BDL	170	BDL	170
12874-11-2	P Aroclor-1016		BDL	33	BDL	33	BDL	33	BDL	33

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B5-2		INDIAN HEAD 42B5-4		INDIAN HEAD 42B5-7		INDIAN HEAD 42B6-3	
			SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg		
11104-28-2	P Aroclor-1221		BDL	67	BDL	67	BDL	67	BDL	67
11141-18-5	P Aroclor-1232		BDL	33	BDL	33	BDL	33	BDL	33
53489-21-9	P Aroclor-1242		BDL	33	BDL	33	BDL	33	BDL	33
12672-29-6	P Aroclor-1248		BDL	33	BDL	33	BDL	33	BDL	33
11097-69-1	P Aroclor-1254		BDL	33	BDL	33	BDL	33	BDL	33
11098-82-5	P Aroclor-1260		BDL	33	BDL	33	BDL	33	BDL	33
INORGANICS			UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
7429-90-5	M Aluminum			10200		10200		3210		5470
7440-36-0	M Antimony		BDL	12	BDL	12	BDL	12	BDL	6
7440-38-2	M Arsenic		BDL	10	BDL	10	BDL	10	BDL	10
7440-39-3	M Barium		BDL	1		133		BDL		69
7440-41-7	M Beryllium		BDL	1	BDL	1	BDL	1	BDL	0.5
7440-43-9	M Cadmium		BDL	1	BDL	1	BDL	1	BDL	0.5
7440-70-2	M Calcium		BDL	1000	BDL	1000	BDL	1000	BDL	500
7440-47-3	M Chromium			9		9		9		5
7440-48-4	M Cobalt		BDL	1	BDL	1	BDL	1		15
7440-50-8	M Copper		BDL	1	BDL	1	BDL	1	BDL	2.5
7439-89-6	M Iron			13300		6770		12100		16300
7439-82-1	M Lead			6		14		6		7
7439-95-4	M Magnesium		BDL	1000		1660		BDL	1000	1140
7439-96-5	M Manganese			9		249		84		611
7439-97-6	M Mercury		BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
7440-02-0	M Nickel		BDL	2		19		10		13
7440-09-7	M Potassium		BDL	1000	BDL	1000	BDL	1000		652
7782-49-2	M Selenium		BDL	5	BDL	5	BDL	5	BDL	5
7440-22-4	M Silver		BDL	1	BDL	1	BDL	1	BDL	1
7440-23-5	M Sodium		BDL	1000	BDL	1000	BDL	1000	BDL	500
7440-28-0	M Thallium		BDL	1	BDL	1	BDL	1	BDL	1
7440-62-2	M Vanadium			16		20		12		8
7440-66-6	M Zinc			10		44		21		34
	M Cyanide		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B6-5		INDIAN HEAD 42B6-6		INDIAN HEAD 42B7-2		INDIAN HEAD 42B7-3	
			SOIL ug/kg		SOIL ug/kg		SOIL ug/kg		SOIL ug/kg	
VOLATILES										
74-87-3	V Chloromethane		BDL	10	BDL	10	BDL	10	BDL	10
74-83-9	V Bromomethane		BDL	10	BDL	10	BDL	10	BDL	10
75-01-4	V Vinyl Chloride		BDL	10	BDL	10	BDL	10	BDL	10
75-00-3	V Chloroethane		BDL	10	BDL	10	BDL	10	VDL	10
75-09-2	V Methylene Chloride	10			BDL	10	BDL	10	6	
67-64-1	V Acetone		BDL	10	BDL	10	BDL	10	BDL	10
75-15-0	V Carbon Disulfide		BDL	10	BDL	10	BDL	10	BDL	10
75-35-4	V 1,1-Dichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
75-34-3	V 1,1-Dichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
540-59-0	V 1,2-Dichloroethane(total)		BDL	10	BDL	10	BDL	10	BDL	10
67-66-3	V Chloroform		BDL	10	BDL	10	BDL	10	BDL	10
107-06-2	V 1,2-Dichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
78-83-3	V 2-Butanone		BDL	10	BDL	10	BDL	10	BDL	10
71-55-6	V 1,1,1-Trichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
58-23-5	V Carbon Tetrachloride		BDL	10	BDL	10	BDL	10	BDL	10
75-27-4	V Bromodichloromethane		BDL	10	BDL	10	BDL	10	BDL	10
78-87-5	V 1,2-Dichloropropane		BDL	10	BDL	10	BDL	10	BDL	10
10061-01-5	V cis-1,3-Dichloropropene		BDL	10	BDL	10	BDL	10	BDL	10
79-01-6	V Trichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
124-48-1	V Dibromochloromethane		BDL	10	BDL	10	BDL	10	BDL	10
79-00-5	V 1,1,2-Trichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
71-43-2	V Benzene		BDL	10	BDL	10	BDL	10	BDL	10
10061-02-6	V Trans-1,3-Dichloropropene		BDL	10	BDL	10	BDL	10	BDL	10
75-25-2	V Bromoform		BDL	10	BDL	10	BDL	10	BDL	10
108-10-1	V 4-Methyl-2-Pentanone		BDL	10	BDL	10	BDL	10	BDL	10
591-78-6	V 2-Hexanone		BDL	10	BDL	10	BDL	10	BDL	10
127-18-4	V Tetrachloroethene		BDL	10	BDL	10	BDL	10	BDL	10
79-34-5	V 1,1,2,2-Tetrachloroethane		BDL	10	BDL	10	BDL	10	BDL	10
108-88-3	V Toluene		BDL	10	7		BDL	10	BDL	10
108-90-7	V Chlorobenzene		BDL	10	BDL	10	BDL	10	BDL	10
100-41-4	V Ethylbenzene		BDL	10	BDL	10	BDL	10	BDL	10
100-42-5	V Styrene		BDL	10	BDL	10	BDL	10	BDL	10
1330-20-7	V Xylenes (Total)		BDL	10	BDL	10	BDL	10	BDL	10
SEMI-VOLATILES										
108-95-2	A Phenol		BDL	330	BDL	330	BDL	330	BDL	330
111-44-4	A Bis(2-Chloroethyl)ether		BDL	330	BDL	330	BDL	330	BDL	330
95-57-8	A 2-Chlorophenol		BDL	330	BDL	330	BDL	330	BDL	330
541-73-1	A 1,3-Dichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
106-46-7	A 1,4-Dichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
95-50-1	A 1,2-Dichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
95-48-7	A 2-Methylphenol		BDL	330	BDL	330	BDL	330	BDL	330
108-80-1	A 2,2'-oxybis(1-Choloropropane)		BDL	330	BDL	330	BDL	330	BDL	330
106-44-5	A 4-Methylphenol		BDL	330	BDL	330	BDL	330	BDL	330
621-64-7	A N-Nitroso-di-n-propylamine		BDL	330	BDL	330	BDL	330	BDL	330
67-72-1	A Hexachloroethane		BDL	330	BDL	330	BDL	330	BDL	330
98-95-3	A Nitrobenzene		BDL	330	BDL	330	BDL	330	BDL	330
78-59-1	A Isophorone		BDL	330	BDL	330	BDL	330	BDL	330
88-75-5	A 2-Nitrophenol		BDL	330	BDL	330	BDL	330	BDL	330
105-67-9	A 2,4-Dimethylphenol		BDL	330	BDL	330	BDL	330	BDL	330
111-91-1	A Bis(2-Chloroethoxy)methane		BDL	330	BDL	330	BDL	330	BDL	330
120-83-2	A 2,4-Dichlorophenol		BDL	330	BDL	330	BDL	330	BDL	330
120-82-1	A 1,2,4-Trichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
91-20-3	A Naphthalene		BDL	330	BDL	330	BDL	330	BDL	330
106-47-8	A 4-Chloroaniline		BDL	330	BDL	330	BDL	330	BDL	330
87-68-3	A Hexachlorobutadiene		BDL	330	BDL	330	BDL	330	BDL	330
59-50-7	A 4-Chloro-3-methylphenol		BDL	330	BDL	330	BDL	330	BDL	330
91-57-6	A 2-Methylnaphthalene		BDL	330	BDL	330	BDL	330	BDL	330
77-47-4	A Hexachlorocyclopentadiene		BDL	330	BDL	330	BDL	330	BDL	330
88-06-2	A 2,4,6-Trichlorophenol		BDL	330	BDL	330	BDL	330	BDL	330
95-95-4	A 2,4,5-Trichlorophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B6-5		INDIAN HEAD 42B6-6		INDIAN HEAD 42B7-2		INDIAN HEAD 42B7-3	
			SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg		
91-58-7	A 2-Chloronaphthalene		BDL	330	BDL	330	BDL	330	BDL	330
88-74-4	A 2-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
131-11-3	A Dimethylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
208-96-8	A Acenaphthylene		BDL	330	BDL	330	BDL	330	BDL	330
606-20-2	A 2,6-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
99-09-2	A 3-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
83-32-9	A Acenaphthene		BDL	330	BDL	330	BDL	330	BDL	330
51-28-5	B 2,4-Dinitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
100-02-7	B 4-Nitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
132-64-9	B Dibenzofuran		BDL	330	BDL	330	BDL	330	BDL	330
121-14-2	B 2,4-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
84-66-2	B Diethylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
7005-72-3	B 4-Chlorophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
86-73-7	B Fluorene		BDL	330	BDL	330	BDL	330	BDL	330
100-01-6	B 4-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
534-52-1	B 4,6-Dinitro-2-methylphenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
86-30-6	B N-Nitrosodiphenylamine(1)		BDL	330	BDL	330	BDL	330	BDL	330
101-55-3	B 4-Bromophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
118-74-1	B Hexachlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
87-86-5	B Pentachlorophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
85-01-8	B Phenanthrene		BDL	330	BDL	330	BDL	330	BDL	330
120-12-7	B Anthracene		BDL	330	BDL	330	BDL	330	BDL	330
86-74-8	B Carbazole		BDL	330	BDL	330	BDL	330	BDL	330
84-74-2	B Di-n-butylphthalate			266		355		199		257
206-44-0	B Fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
129-00-0	B Pyrene		BDL	330	BDL	330	BDL	330	BDL	330
85-68-7	B Butylbenzylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
91-94-1	B 3,3'-Dichlorobenzidine		BDL	660	BDL	660	BDL	660	BDL	660
56-55-3	B Benzo(a)anthracene		BDL	330	BDL	330	BDL	330	BDL	330
218-01-9	B Chrysene		BDL	330	BDL	330	BDL	330	BDL	330
117-81-7	B bis(2-Ethylhexyl)phthalate		BDL	330		2050		BDL		330
117-84-0	B Di-n-octylphthalate		BDL	330	BDL	330		199		BDL
205-99-2	B Benzo(b)fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
207-08-9	B Benzo(k)fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
50-32-8	B Benzo(a)pyrene		BDL	330		519		BDL		330
193-39-5	B Indeno(1,2,3-cd)pyrene		BDL	330	BDL	330	BDL	330	BDL	330
53-70-3	B Dibenz(a,h)anthracene		BDL	330	BDL	330	BDL	330	BDL	330
191-24-2	B Benzo(g,h,i)perylene		BDL	330	BDL	330	BDL	330	BDL	330
PESTICIDES										
319-84-6	P Alpha-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-85-7	P Beta-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-86-8	P Delta-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
58-89-9	P Gamma-BHC (Lindane)		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
76-44-8	P Heptachlor		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
309-00-2	P Aldrin		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
1024-57-3	P Heptachlor epoxide		BDL	1.7	BDL	1.7	BDL	1.7		3
959-98-8	P Endosulfan I		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
60-57-1	P Dieldrin		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-55-9	P 4,4'-DDE		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-20-8	P Endrin		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
33213-65-9	P Endosulfan II		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-54-8	P 4,4'-DDD		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
1031-07-8	P Endosulfan sulfate			9		BDL		3.3		BDL
50-29-3	P 4,4'-DDT		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-43-5	P Methoxychlor		BDL	17	BDL	17	BDL	17	BDL	17
53494-70-5	P Endrin ketone		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
7421-36-3	P Endrin aldehyde		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
5103-71-9	P Alpha-Chlordane		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
5103-74-2	P Gamma-Chlordane		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
8001-35-2	P Toxaphene		BDL	170	BDL	170	BDL	170	BDL	170
12674-11-2	P Aroclor-1016		BDL	33	BDL	33	BDL	33	BDL	33

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
		SAMPLE MATRIX UNITS	42B6-5 SOIL ug/kg	42B6-6 SOIL ug/kg	42B7-2 SOIL ug/kg	42B7-3 SOIL ug/kg	42B7-2 SOIL ug/kg	42B7-3 SOIL ug/kg	42B7-2 SOIL ug/kg	42B7-3 SOIL ug/kg
11104-28-2	P Aroclor-1221		BDL	67	BDL	67	BDL	67	BDL	67
11141-16-5	P Aroclor-1232		BDL	33	BDL	33	BDL	33	BDL	33
53469-21-9	P Aroclor-1242		BDL	33	BDL	33	BDL	33	BDL	33
12672-29-6	P Aroclor-1248		BDL	33	BDL	33	BDL	33	BDL	33
11097-69-1	P Aroclor-1254		BDL	33	BDL	33	BDL	33	BDL	33
11096-82-5	P Aroclor-1260		BDL	33	BDL	33	BDL	33	BDL	33
	INORGANICS	UNITS	mg/kg							
7429-90-5	M Aluminum		2920	13600		11700		9940		
7440-36-0	M Antimony		BDL	6	BDL	6	BDL	6	BDL	6
7440-38-2	M Arsenic		BDL	10	BDL	10	BDL	10	BDL	10
7440-39-3	M Barium		25	135		89		74		
7440-41-7	M Beryllium		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
7440-43-9	M Cadmium		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
7440-70-2	M Calcium		BDL	500		983		500		500
7440-47-3	M Chromium		6	18		18		21		
7440-48-4	M Cobalt		BDL	5		11		BDL		5
7440-50-8	M Copper		BDL	2.5		22		5		5
7439-89-6	M Iron		7870	24600		16400		11700		
7439-92-1	M Lead		BDL	3		13		8		5
7439-95-4	M Magnesium		BDL	500		2320		1760		1290
7439-96-5	M Manganese		52	355		62		48		
7439-97-6	M Mercury		BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
7440-02-0	M Nickel		6	26		15		13		
7440-09-7	M Potassium		BDL	500		1500		1080		982
7782-49-2	M Selenium		BDL	5	BDL	5	BDL	5	BDL	5
7440-22-4	M Silver		BDL	1	BDL	1	BDL	1	BDL	1
7440-23-5	M Sodium		BDL	500	BDL	500	BDL	500	BDL	500
7440-28-0	M Thallium		BDL	1	BDL	1	BDL	3	BDL	3
7440-62-2	M Vanadium		10	30		34		23		
7440-66-6	M Zinc		13	64		33		33		
	M Cyanide		0.5	BDL	0.5	BDL	0.5	BDL	0.5	0.5

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
			42B7-5 SOIL ug/kg	10	42B8-2 SOIL ug/kg	10	42B8-3 SOIL ug/kg	10	42B8-5 SOIL ug/kg	10
VOLATILES										
74-87-3	V	Chloromethane	BDL	10	BDL	10	BDL	10	BDL	10
74-83-9	V	Bromomethane	BDL	10	BDL	10	BDL	10	BDL	10
75-01-4	V	Vinyl Chloride	BDL	10	BDL	10	BDL	10	BDL	10
75-00-3	V	Chloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-09-2	V	Methylene Chloride	BDL	10	BDL	10	BDL	10	BDL	10
67-64-1	V	Acetone	BDL	10	BDL	10	BDL	10	BDL	10
75-15-0	V	Carbon Disulfide	BDL	10	BDL	10	BDL	10	BDL	10
75-35-4	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-34-3	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
540-59-0	V	1,2-Dichloroethane(total)	BDL	10	BDL	10	BDL	10	BDL	10
67-66-3	V	Chloroform	BDL	10	BDL	10	BDL	10	BDL	10
107-06-2	V	1,2-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
78-93-3	V	2-Butanone	BDL	10	BDL	10	BDL	10	BDL	10
71-55-6	V	1,1,1-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
56-23-5	V	Carbon Tetrachloride	BDL	10	BDL	10	BDL	10	BDL	10
75-27-4	V	Bromodichloromethane	BDL	10	BDL	10	BDL	10	BDL	10
78-87-5	V	1,2-Dichloropropane	BDL	10	BDL	10	BDL	10	BDL	10
10061-01-5	V	cis-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
79-01-6	V	Trichloroethene	BDL	10	BDL	10	BDL	10	BDL	10
124-48-1	V	Dibromochloromethane	BDL	10	BDL	10	BDL	10	BDL	10
79-00-5	V	1,1,2-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
71-43-2	V	Benzene	BDL	10	BDL	10	BDL	10	BDL	10
10061-02-6	V	Trans-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
75-25-2	V	Bromoform	BDL	10	BDL	10	BDL	10	BDL	10
108-10-1	V	4-Methyl-2-Pentanone	BDL	10	BDL	10	BDL	10	BDL	10
591-78-6	V	2-Hexanone	BDL	10	BDL	10	BDL	10	BDL	10
127-18-4	V	Tetrachloroethene	BDL	10	BDL	10	BDL	10	BDL	10
79-34-5	V	1,1,2,2-Tetrachloroethane	BDL	10	BDL	10	BDL	10	BDL	10
108-88-3	V	Toluene	BDL	10	BDL	10	BDL	10	BDL	10
108-90-7	V	Chlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-41-4	V	Ethylbenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-42-5	V	Styrene	BDL	10	BDL	10	BDL	10	BDL	10
1330-20-7	V	Xylenes (Total)	BDL	10	BDL	10	BDL	10	BDL	10
SEMI-VOLATILES										
108-95-2	A	Phenol	BDL	330	BDL	330	BDL	330	BDL	330
111-44-4	A	Bis(2-Chloroethyl)ether	BDL	330	BDL	330	BDL	330	BDL	330
95-57-8	A	2-Chlorophenol	BDL	330	BDL	330	BDL	330	BDL	330
541-73-1	A	1,3-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
106-46-7	A	1,4-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
95-50-1	A	1,2-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
95-48-7	A	2-Methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
108-60-1	A	2,2'-oxybis(1-Chloropropane)	BDL	330	BDL	330	BDL	330	BDL	330
106-44-5	A	4-Methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
621-64-7	A	N-Nitroso-di-n-propylamine	BDL	330	BDL	330	BDL	330	BDL	330
67-72-1	A	Hexachloroethane	BDL	330	BDL	330	BDL	330	BDL	330
98-95-3	A	Nitrobenzene	BDL	330	BDL	330	BDL	330	BDL	330
78-59-1	A	Isophorone	BDL	330	BDL	330	BDL	330	BDL	330
88-75-5	A	2-Nitrophenol	BDL	330	BDL	330	BDL	330	BDL	330
105-87-9	A	2,4-Dimethylphenol	BDL	330	BDL	330	BDL	330	BDL	330
111-91-1	A	Bis(2-Chloroethoxy)methane	BDL	330	BDL	330	BDL	330	BDL	330
120-83-2	A	2,4-Dichlorophenol	BDL	330	BDL	330	BDL	330	BDL	330
120-82-1	A	1,2,4-Trichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
91-20-3	A	Naphthalene	BDL	330	BDL	330	BDL	330	BDL	330
108-47-8	A	4-Chloroaniline	BDL	330	BDL	330	BDL	330	BDL	330
87-68-3	A	Hexachlorobutadiene	BDL	330	BDL	330	BDL	330	BDL	330
59-50-7	A	4-Chloro-3-methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
91-57-6	A	2-Methylnaphthalene	BDL	330	BDL	330	BDL	330	BDL	330
77-47-4	A	Hexachlorocyclopentadiene	BDL	330	BDL	330	BDL	330	BDL	330
88-06-2	A	2,4,6-Trichlorophenol	BDL	330	BDL	330	BDL	330	BDL	330
95-95-4	A	2,4,5-Trichlorophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B7-5		INDIAN HEAD 42B8-2		INDIAN HEAD 42B8-3		INDIAN HEAD 42B8-5	
			SOIL ug/kg		SOIL ug/kg		SOIL ug/kg		SOIL ug/kg	
91-58-7	A 2-Chloronaphthalene		BDL	330	BDL	330	BDL	330	BDL	330
88-74-4	A 2-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
131-11-3	A Dimethylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
208-96-8	A Acenaphthylene		BDL	330	BDL	330	BDL	330	BDL	330
606-20-2	A 2,6-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
99-09-2	A 3-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
83-32-9	A Acenaphthene		BDL	330	BDL	330	BDL	330	BDL	330
51-28-5	B 2,4-Dinitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
100-02-7	B 4-Nitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
132-64-9	B Dibenzofuran		BDL	330	BDL	330	BDL	330	BDL	330
121-14-2	B 2,4-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
84-66-2	B Diethylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
7005-72-3	B 4-Chlorophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
86-73-7	B Fluorene		BDL	330	BDL	330	BDL	330	BDL	330
100-01-6	B 4-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
534-52-1	B 4,6-Dinitro-2-methylphenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
86-30-6	B N-Nitrosodiphenylamine(1)		BDL	330	BDL	330	BDL	330	BDL	330
101-55-3	B 4-Bromophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
118-74-1	B Hexachlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
87-86-5	B Pentachlorophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
85-01-8	B Phenanthrene		BDL	330	BDL	330	BDL	330	BDL	330
120-12-7	B Anthracene		BDL	330	BDL	330	BDL	330	BDL	330
86-74-8	B Carbazole		BDL	330	BDL	330	BDL	330	BDL	330
84-74-2	B Di-n-butylphthalate	333		BDL	330	318		240		
208-44-0	B Fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
129-00-0	B Pyrene		BDL	330	BDL	330	BDL	330	BDL	330
85-68-7	B Butylbenzylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
91-94-1	B 3,3'-Dichlorobenzidine		BDL	660	BDL	660	BDL	660	BDL	660
56-55-3	B Benzo(a)anthracene		BDL	330	BDL	330	BDL	330	BDL	330
218-01-9	B Chrysene		BDL	330	BDL	330	BDL	330	BDL	330
117-81-7	B bis(2-Ethylhexyl)phthalate		BDL	330	BDL	330	BDL	330	BDL	330
117-84-0	B Di-n-octylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
205-99-2	B Benzo(b)fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
207-08-9	B Benzo(k)fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
50-32-8	B Benzo(a)pyrene		BDL	330	BDL	330	BDL	330	BDL	330
193-39-5	B Indeno(1,2,3-cd)pyrene		BDL	330	BDL	330	BDL	330	BDL	330
53-70-3	B Dibenzo(a,h)anthracene		BDL	330	BDL	330	BDL	330	BDL	330
191-24-2	B Benzo(g,h,i)perylene		BDL	330	BDL	330	BDL	330	BDL	330
PESTICIDES										
319-84-8	P Alpha-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-85-7	P Beta-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-86-8	P Delta-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
58-89-9	P Gamma-BHC (Lindane)		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
76-44-8	P Heptachlor		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
309-00-2	P Aldrin		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
1024-57-3	P Heptachlor epoxide		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
959-98-8	P Endosulfan I		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
60-57-1	P Dieldrin		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-55-9	P 4,4'-DDE		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-20-8	P Endrin		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
33213-65-9	P Endosulfan II		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-54-8	P 4,4'-DDD		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
1031-07-8	P Endosulfan sulfate		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
50-29-3	P 4,4'-DDT		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-43-5	P Methoxychlor		BDL	17	BDL	17	BDL	17	BDL	17
53494-70-5	P Endrin ketone		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
7421-36-3	P Endrin aldehyde		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
5103-71-9	P Alpha-Chlordane		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
5103-74-2	P Gamma-Chlordane		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
8001-35-2	P Toxaphene		BDL	170	BDL	170	BDL	170	BDL	170
12674-11-2	P Aroclor-1016		BDL	33	BDL	33	BDL	33	BDL	33

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B7-5		INDIAN HEAD 42B8-2		INDIAN HEAD 42B8-3		INDIAN HEAD 42B8-5	
			SOIL ug/kg	67	SOIL ug/kg	67	SOIL ug/kg	67	SOIL ug/kg	67
11104-28-2	P Aroclor-1221		BDL	67	BDL	67	BDL	67	BDL	67
11141-18-5	P Aroclor-1232		BDL	33	BDL	33	BDL	33	BDL	33
53469-21-9	P Aroclor-1242		BDL	33	BDL	33	BDL	33	BDL	33
12672-29-6	P Aroclor-1248		BDL	33	BDL	33	BDL	33	BDL	33
11097-69-1	P Aroclor-1254		BDL	33	BDL	33	BDL	33	BDL	33
11096-82-5	P Aroclor-1260		BDL	33	BDL	33	BDL	33	BDL	33
INORGANICS			mg/kg		mg/kg		mg/kg		mg/kg	
7429-90-5	M Aluminum		9640		13000		12900		2760	
7440-36-0	M Antimony		BDL	6	BDL	6	BDL	6	BDL	6
7440-38-2	M Arsenic		BDL	10	BDL	10	BDL	10	BDL	10
7440-39-3	M Barium		104		66		141		25	
7440-41-7	M Beryllium		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
7440-43-9	M Cadmium		BDL	0.5	BDL	0.5	1		BDL	0.5
7440-70-2	M Calcium		1040		BDL	500	BDL	500	BDL	500
7440-47-3	M Chromium		13		14		16		6	
7440-48-4	M Cobalt		8		8		9		7	
7440-50-8	M Copper		14		11		15		BDL	2.5
7439-89-6	M Iron		10500		15300		31800		72100	
7439-02-1	M Lead		10		7		11		18	
7439-95-4	M Magnesium		2980		1650		1880		BDL	500
7439-96-5	M Manganese		107		66		188		110	
7439-97-6	M Mercury		BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
7440-02-0	M Nickel		27		12		18		6	
7440-09-7	M Potassium		893		1060		670		BDL	500
7782-49-2	M Selenium		BDL	5	BDL	5	BDL	5	BDL	5
7440-22-4	M Silver		BDL	1	BDL	1	BDL	1	BDL	1
7440-23-5	M Sodium		BDL	500	BDL	500	BDL	500	BDL	500
7440-28-0	M Thallium		BDL	3	BDL	3	BDL	3	BDL	3
7440-62-2	M Vanadium		14		28		38		8	
7440-68-8	M Zinc		64		33		55		11	
	M Cyanide		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD	
			42B6-2 SOIL ug/kg	
VOLATILES				
74-87-3	V Chloromethane		BDL	10
74-83-9	V Bromomethane		BDL	10
75-01-4	V Vinyl Chloride		BDL	10
75-00-3	V Chloroethane		BDL	10
75-00-2	V Methylene Chloride		BDL	10
67-64-1	V Acetone		BDL	10
75-15-0	V Carbon Disulfide		BDL	10
75-35-4	V 1,1-Dichloroethane		BDL	10
75-34-3	V 1,1-Dichloroethane		BDL	10
540-59-0	V 1,2-Dichloroethane (total)		BDL	10
67-66-3	V Chloroform		BDL	10
107-06-2	V 1,2-Dichloroethane		BDL	10
78-93-3	V 2-Butanone		BDL	10
71-55-6	V 1,1,1-Trichloroethane		BDL	10
58-23-5	V Carbon Tetrachloride		BDL	10
75-27-4	V Bromodichloromethane		BDL	10
78-67-5	V 1,2-Dichloropropane		BDL	10
10061-01-5	V cis-1,3-Dichloropropene		BDL	10
79-01-6	V Trichloroethene		BDL	10
124-48-1	V Dibromochloromethane		BDL	10
79-00-5	V 1,1,2-Trichloroethane		BDL	10
71-43-2	V Benzene		BDL	10
10061-02-6	V Trans-1,3-Dichloropropene		BDL	10
75-25-2	V Bromoform		BDL	10
108-10-1	V 4-Methyl-2-Pentanone		BDL	10
591-78-6	V 2-Hexanone		BDL	10
127-18-4	V Tetrachloroethene		BDL	10
79-34-5	V 1,1,2,2-Tetrachloroethane		BDL	10
108-88-3	V Toluene		BDL	10
108-90-7	V Chlorobenzene		BDL	10
100-41-4	V Ethylbenzene		BDL	10
100-42-5	V Styrene		BDL	10
1330-20-7	V Xylenes (Total)		BDL	10
SEMI-VOLATILES				
108-95-2	A Phenol		BDL	330
111-44-4	A Bis(2-Chloroethyl)ether		BDL	330
95-57-8	A 2-Chlorophenol		BDL	330
541-73-1	A 1,3-Dichlorobenzene		BDL	330
106-46-7	A 1,4-Dichlorobenzene		BDL	330
95-50-1	A 1,2-Dichlorobenzene		BDL	330
95-48-7	A 2-Methylphenol		BDL	330
108-60-1	A 2,2'-oxybis(1-Chloropropane)		BDL	330
106-44-5	A 4-Methylphenol		BDL	330
621-64-7	A N-Nitroso-di-n-propylamine		BDL	330
67-72-1	A Hexachloroethane		BDL	330
98-95-3	A Nitrobenzene		BDL	330
78-59-1	A Isophorone		BDL	330
88-75-5	A 2-Nitrophenol		BDL	330
105-67-9	A 2,4-Dimethylphenol		BDL	330
111-91-1	A Bis(2-Chloroethoxy)methane		BDL	330
120-83-2	A 2,4-Dichlorophenol		BDL	330
120-82-1	A 1,2,4-Trichlorobenzene		BDL	330
91-20-3	A Naphthalene		BDL	330
106-47-8	A 4-Chloroaniline		BDL	330
87-68-3	A Hexachlorobutadiene		BDL	330
59-50-7	A 4-Chloro-3-methylphenol		BDL	330
91-57-6	A 2-Methylnaphthalene		BDL	330
77-47-4	A Hexachlorocyclopentadiene		BDL	330
88-06-2	A 2,4,6-Trichlorophenol		BDL	330
95-95-4	A 2,4,5-Trichlorophenol		BDL	1600

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD	
			42B9-2 SOIL	ug/kg
91-58-7	A 2-Chloronaphthalene		BDL	330
88-74-4	A 2-Nitroaniline		BDL	1600
131-11-3	A Dimethylphthalate		BDL	330
208-96-8	A Acenaphthylene		BDL	330
606-20-2	A 2,6-Dinitrotoluene		BDL	330
99-09-2	A 3-Nitroaniline		BDL	1600
83-32-9	A Acenaphthene		BDL	330
51-28-5	B 2,4-Dinitrophenol		BDL	1600
100-02-7	B 4-Nitrophenol		BDL	1600
132-64-9	B Dibenzofuran		BDL	330
121-14-2	B 2,4-Dinitrotoluene		BDL	330
84-66-2	B Diethylphthalate		BDL	330
7005-72-3	B 4-Chlorophenyl-phenylether		BDL	330
86-73-7	B Fluorene		BDL	330
100-01-6	B 4-Nitroaniline		BDL	1600
534-52-1	B 4,6-Dinitro-2-methylphenol		BDL	1600
86-30-6	B N-Nitrosodiphenylamine(1)		BDL	330
101-55-3	B 4-Bromophenyl-phenylether		BDL	330
118-74-1	B Hexachlorobenzene		BDL	330
87-86-5	B Pentachlorophenol		BDL	1600
85-01-8	B Phenanthrene		BDL	330
120-12-7	B Anthracene		BDL	330
86-74-8	B Carbazole		BDL	330
84-74-2	B Di-n-butylphthalate		BDL	330
208-44-0	B Fluoranthene		BDL	330
129-00-0	B Pyrene		BDL	330
85-68-7	B Butylbenzylphthalate		BDL	330
91-94-1	B 3,3'-Dichlorobenzidine		BDL	660
56-55-3	B Benzo(a)anthracene		BDL	330
218-01-9	B Chrysene		BDL	330
117-81-7	B bis(2-Ethylhexyl)phthalate		BDL	330
117-84-0	B Di-n-octylphthalate		BDL	330
205-99-2	B Benzo(b)fluoranthene		BDL	330
207-08-9	B Benzo(k)fluoranthene		BDL	330
50-32-8	B Benzo(a)pyrene		BDL	330
193-39-5	B Indeno(1,2,3-cd)pyrene		BDL	330
53-70-3	B Dibenz(a,h)anthracene		BDL	330
191-24-2	B Benzo(g,h,i)perylene		BDL	330
PESTICIDES				
319-84-6	P Alpha-BHC		BDL	1.7
319-85-7	P Beta-BHC		BDL	1.7
319-86-8	P Delta-BHC		BDL	1.7
58-89-9	P Gamma-BHC (Lindane)		BDL	1.7
76-44-8	P Heptachlor		BDL	1.7
309-00-2	P Aldrin		BDL	1.7
1024-57-3	P Heptachlor epoxide		BDL	1.7
959-98-8	P Endosulfan I		BDL	1.7
60-57-1	P Dieldrin		BDL	3.3
72-55-9	P 4,4'-DDE		BDL	3.3
72-20-8	P Endrin		BDL	3.3
33213-65-9	P Endosulfan II		BDL	3.3
72-54-8	P 4,4'-DDD		BDL	3.3
1031-07-8	P Endosulfan sulfate		BDL	3.3
50-29-3	P 4,4'-DDT		BDL	3.3
72-43-5	P Methoxychlor		BDL	17
53494-70-5	P Endrin ketone		BDL	3.3
7421-36-3	P Endrin aldehyde		BDL	3.3
5103-71-9	P Alpha-Chlordane		BDL	1.7
5103-74-2	P Gamma-Chlordane		BDL	1.7
8001-35-2	P Toxaphene		BDL	170
12674-11-2	P Aroclor-1016		BDL	33

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

		SITE	INDIAN HEAD	
		SAMPLE	42B9-2	
		MATRIX	SOIL	
CAS. NO.	CL	UNITS	ug/kg	
11104-28-2	P Aroclor-1221		BDL	67
11141-16-5	P Aroclor-1232		BDL	33
53469-21-9	P Aroclor-1242		BDL	33
12872-29-8	P Aroclor-1248		BDL	33
11097-69-1	P Aroclor-1254		BDL	33
11098-82-5	P Aroclor-1260		BDL	33
INORGANICS		UNITS	mg/kg	
7429-90-5	M Aluminum		9500	
7440-36-0	M Antimony		BDL	6
7440-38-2	M Arsenic		BDL	10
7440-39-3	M Barium		88	
7440-41-7	M Beryllium		BDL	0.5
7440-43-0	M Cadmium		BDL	0.5
7440-70-2	M Calcium		748	
7440-47-3	M Chromium		19	
7440-48-4	M Cobalt		BDL	5
7440-50-8	M Copper		19	
7439-89-8	M Iron		7480	
7439-92-1	M Lead		12	
7439-95-4	M Magnesium		2500	
7439-96-5	M Manganese		51	
7439-97-8	M Mercury		BDL	0.1
7440-02-0	M Nickel		21	
7440-09-7	M Potassium		1080	
7782-49-2	M Selenium		BDL	5
7440-22-4	M Silver		BDL	1
7440-23-5	M Sodium		BDL	500
7440-28-0	M Thallium		BDL	3
7440-62-2	M Vanadium		18	
7440-66-6	M Zinc		57	
	M Cyanide		BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
			42B9-3 SOIL ug/kg	42B9-4 SOIL ug/kg	42B9-5 SOIL ug/kg	42B10-2 SOIL ug/kg	42B9-3 SOIL ug/kg	42B9-4 SOIL ug/kg	42B9-5 SOIL ug/kg	42B10-2 SOIL ug/kg
VOLATILES										
74-87-3	V Chloromethane		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
74-83-9	V Bromomethane		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
75-01-4	V Vinyl Chloride		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
75-00-3	V Chloroethane		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
75-09-2	V Methylene Chloride	7		6		7		8		
67-64-1	V Acetone		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
75-15-0	V Carbon Disulfide		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
75-35-4	V 1,1-Dichloroethane		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
75-34-3	V 1,1-Dichloroethane		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
540-59-0	V 1,2-Dichloroethane(total)		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
67-66-3	V Chloroform		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
107-06-2	V 1,2-Dichloroethane		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
78-93-3	V 2-Butanone		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
71-55-6	V 1,1,1-Trichloroethane		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
56-23-5	V Carbon Tetrachloride		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
75-27-4	V Bromodichloromethane		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
78-87-5	V 1,2-Dichloropropane		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
10061-01-5	V cis-1,3-Dichloropropene		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
79-01-6	V Trichloroethane		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
124-48-1	V Dibromochloromethane		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
79-00-5	V 1,1,2-Trichloroethane		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
71-43-2	V Benzene		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
10061-02-6	V Trans-1,3-Dichloropropene		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
75-25-2	V Bromoform		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
108-10-1	V 4-Methyl-2-Pentanone		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
591-78-6	V 2-Hexanone		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
127-18-4	V Tetrachloroethene		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
79-34-5	V 1,1,2,2-Tetrachloroethane		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
108-88-3	V Toluene		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
108-90-7	V Chlorobenzene		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
100-41-4	V Ethylbenzene		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
100-42-5	V Styrene		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
1330-20-7	V Xylenes (Total)		BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10 BDL	10
SEMI-VOLATILES										
108-95-2	A Phenol		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
111-44-4	A Bis(2-Chloroethyl)ether		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
95-57-8	A 2-Chlorophenol		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
541-73-1	A 1,3-Dichlorobenzene		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
108-46-7	A 1,4-Dichlorobenzene		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
95-50-1	A 1,2-Dichlorobenzene		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
95-48-7	A 2-Methylphenol		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
108-60-1	A 2,2'-oxybis(1-Chloropropane)		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
106-44-5	A 4-Methylphenol		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
621-64-7	A N-Nitroso-di-n-propylamine		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
67-72-1	A Hexachloroethane		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
98-95-3	A Nitrobenzene		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
78-59-1	A Isophorone		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
88-75-5	A 2-Nitrophenol		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
105-87-9	A 2,4-Dimethylphenol		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
111-91-1	A Bis(2-Chloroethoxy)methane		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
120-83-2	A 2,4-Dichlorophenol		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
120-82-1	A 1,2,4-Trichlorobenzene		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
91-20-3	A Naphthalene		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
108-47-8	A 4-Chloroaniline		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
87-88-3	A Hexachlorobutadiene		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
59-50-7	A 4-Chloro-3-methylphenol		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
91-57-6	A 2-Methylnaphthalene		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
77-47-4	A Hexachlorocyclopentadiene		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330
88-06-2	A 2,4,6-Trichlorophenol		BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330 BDL	330

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B9-3		INDIAN HEAD 42B9-4		INDIAN HEAD 42B9-5		INDIAN HEAD 42B10-2	
			SOIL ug/kg		SOIL ug/kg		SOIL ug/kg		SOIL ug/kg	
95-95-4	A	2,4,5-Trichlorophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
91-58-7	A	2-Chloronaphthalene	BDL	330	BDL	330	BDL	330	BDL	330
88-74-4	A	2-Nitroaniline	BDL	1600	BDL	1600	BDL	1600	BDL	1600
131-11-3	A	Dimethylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
208-96-8	A	Acenaphthylene	BDL	330	BDL	330	BDL	330	BDL	330
606-20-2	A	2,6-Dinitrotoluene	BDL	330	BDL	330	BDL	330	BDL	330
99-09-2	A	3-Nitroaniline	BDL	1600	BDL	1600	BDL	1600	BDL	1600
83-32-9	A	Acenaphthene	BDL	330	BDL	330	BDL	330	BDL	330
51-28-5	B	2,4-Dinitrophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
100-02-7	B	4-Nitrophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
132-64-9	B	Dibenzofuran	BDL	330	BDL	330	BDL	330	BDL	330
121-14-2	B	2,4-Dinitrotoluene	BDL	330	BDL	330	BDL	330	BDL	330
84-66-2	B	Diethylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
7005-72-3	B	4-Chlorophenyl-phenylether	BDL	330	BDL	330	BDL	330	BDL	330
86-73-7	B	Fluorene	BDL	330	BDL	330	BDL	330	BDL	330
100-01-6	B	4-Nitroaniline	BDL	1600	BDL	1600	BDL	1600	BDL	1600
534-52-1	B	4,6-Dinitro-2-methylphenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
86-30-6	B	N-Nitrosodiphenylamine(1)	BDL	330	BDL	330	BDL	330	BDL	330
101-55-3	B	4-Bromophenyl-phenylether	BDL	330	BDL	330	BDL	330	BDL	330
118-74-1	B	Hexachlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
87-86-5	B	Pentachlorophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
85-01-8	B	Phenanthrene	BDL	330	BDL	330	BDL	330	BDL	330
120-12-7	B	Anthracene	BDL	330	BDL	330	BDL	330	BDL	330
86-74-8	B	Carbazole	BDL	330	BDL	330	BDL	330	BDL	330
84-74-2	B	Di-n-butylphthalate		253		366		200	BDL	330
208-44-0	B	Fluoranthene	BDL	330	BDL	330	BDL	330	BDL	330
129-00-0	B	Pyrene	BDL	330	BDL	330	BDL	330	BDL	330
85-68-7	B	Butylbenzylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
91-94-1	B	3,3'-Dichlorobenzidine	BDL	660	BDL	660	BDL	660	BDL	660
56-55-3	B	Benzo(a)anthracene	BDL	330	BDL	330	BDL	330	BDL	330
218-01-9	B	Chrysene	BDL	330	BDL	330	BDL	330	BDL	330
117-81-7	B	bis(2-Ethylhexyl)phthalate	BDL	330	BDL	330	BDL	330	BDL	330
117-84-0	B	Di-n-octylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
205-99-2	B	Benzo(b)fluoranthene	BDL	330	BDL	330	BDL	330	BDL	330
207-08-9	B	Benzo(k)fluoranthene	BDL	330	BDL	330	BDL	330	BDL	330
50-32-8	B	Benzo(a)pyrene	BDL	330	BDL	330	BDL	330	BDL	330
193-39-5	B	Indeno(1,2,3-cd)pyrene	BDL	330	BDL	330	BDL	330	BDL	330
53-70-3	B	Dibenz(a,h)anthracene	BDL	330	BDL	330	BDL	330	BDL	330
191-24-2	B	Benzo(g,h,i)perylene	BDL	330	BDL	330	BDL	330	BDL	330
PESTICIDES										
319-84-6	P	Alpha-BHC	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-85-7	P	Beta-BHC	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-86-8	P	Delta-BHC	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
58-89-9	P	Gamma-BHC (Lindane)	BDL	1.7	BDL	1.7	BDL	1.7	4	
78-44-8	P	Heptachlor	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
309-00-2	P	Aldrin	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
1024-57-3	P	Heptachlor epoxide	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
959-98-8	P	Endosulfan I	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
60-57-1	P	Dieldrin	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-55-9	P	4,4'-DDE	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-20-8	P	Endrin	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
33213-65-9	P	Endosulfan II	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-54-8	P	4,4'-DDD	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
1031-07-8	P	Endosulfan sulfate	BDL	3.3	BDL	3.3	BDL	3.3	18	
50-29-3	P	4,4'-DDT	BDL	3.3	BDL	3.3	BDL	3.3	5	
72-43-5	P	Methoxychlor	BDL	17	BDL	17	BDL	17	BDL	17
53494-70-5	P	Endrin ketone	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
7421-36-3	P	Endrin aldehyde	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
5103-71-9	P	Alpha-Chlordane	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
5103-74-2	P	Gamma-Chlordane	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B9-3		INDIAN HEAD 42B9-4		INDIAN HEAD 42B9-5		INDIAN HEAD 42B10-2	
			SOIL ug/kg	ug/kg	SOIL ug/kg	ug/kg	SOIL ug/kg	ug/kg	SOIL ug/kg	ug/kg
8001-35-2	P Toxaphene		BDL	170	BDL	170	BDL	170	BDL	170
12674-11-2	P Aroclor-1016		BDL	33	BDL	33	BDL	33	BDL	33
11104-28-2	P Aroclor-1221		BDL	67	BDL	67	BDL	67	BDL	67
11141-16-5	P Aroclor-1232		BDL	33	BDL	33	BDL	33	BDL	33
53469-21-0	P Aroclor-1242		BDL	33	BDL	33	BDL	33	BDL	33
12672-20-6	P Aroclor-1248		BDL	33	BDL	33	BDL	33	BDL	33
11097-69-1	P Aroclor-1254		BDL	33	BDL	33	BDL	33	BDL	33
11096-82-5	P Aroclor-1260		BDL	33	BDL	33	BDL	33	BDL	33
	INORGANICS	UNITS	mg/kg		mg/kg		mg/kg		mg/kg	
7429-90-5	M Aluminum		9660		9090		11200		10300	
7440-38-0	M Antimony		BDL	6	BDL	6	BDL	6	BDL	6
7440-38-2	M Arsenic		BDL	10	BDL	10	BDL	10	BDL	10
7440-39-3	M Barium		70		113		99		82	
7440-41-7	M Beryllium		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
7440-43-9	M Cadmium		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
7440-70-2	M Calcium		BDL	500		732		823		500
7440-47-3	M Chromium		14		9		20		10	
7440-48-4	M Cobalt		BDL	5		22		6		13
7440-50-8	M Copper		8		9		16		BDL	2.5
7439-89-6	M Iron		10000		17700		10900		11800	
7439-92-1	M Lead		10		8		7		7	
7439-95-4	M Magnesium		1180		2240		2820		725	
7439-96-5	M Manganese		24		543		87		261	
7439-97-6	M Mercury		BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
7440-02-0	M Nickel		12		27		26		8	
7440-09-7	M Potassium		954		BDL	500	1290		BDL	500
7782-49-2	M Selenium		BDL	5	BDL	5	BDL	5	BDL	5
7440-22-4	M Silver		BDL	1	BDL	1	BDL	1	BDL	1
7440-23-5	M Sodium		BDL	500	BDL	500	BDL	500	BDL	500
7440-28-0	M Thallium		BDL	3	BDL	3	BDL	3	BDL	10
7440-62-2	M Vanadium		29		18		19		20	
7440-66-6	M Zinc		35		48		61		24	
	M Cyanide		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B10-3		INDIAN HEAD 42B10-4		INDIAN HEAD 42B11-2		INDIAN HEAD 42B11-3	
			SOIL ug/kg		SOIL ug/kg		SOIL ug/kg		SOIL ug/kg	
VOLATILES										
74-87-3	V Chloromethane		BDL	10	BDL	10	BDL	10	BDL	10
74-83-9	V Bromomethane		BDL	10	BDL	10	BDL	10	BDL	10
75-01-4	V Vinyl Chloride		BDL	10	BDL	10	BDL	10	BDL	10
75-00-3	V Chloroethane		BDL	10	BDL	10	BDL	10	BDL	10
75-09-2	V Methylene Chloride		BDL	10	8		BDL	10	BDL	10
87-84-1	V Acetone		BDL	10	BDL	10	BDL	10	BDL	10
75-15-0	V Carbon Disulfide		BDL	10	BDL	10	BDL	10	BDL	10
75-35-4	V 1,1-Dichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
75-34-3	V 1,1-Dichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
540-59-0	V 1,2-Dichloroethane(total)		BDL	10	BDL	10	BDL	10	BDL	10
67-66-3	V Chloroform		BDL	10	BDL	10	BDL	10	BDL	10
107-06-2	V 1,2-Dichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
78-83-3	V 2-Butanone		BDL	10	BDL	10	BDL	10	BDL	10
71-55-6	V 1,1,1-Trichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
56-23-5	V Carbon Tetrachloride		BDL	10	BDL	10	BDL	10	BDL	10
75-27-4	V Bromodichloromethane		BDL	10	BDL	10	BDL	10	BDL	10
78-87-5	V 1,2-Dichloropropane		BDL	10	BDL	10	BDL	10	BDL	10
10061-01-5	V cis-1,3-Dichloropropene		BDL	10	BDL	10	BDL	10	BDL	10
79-01-6	V Trichloroethene		BDL	10	BDL	10	7		6	
124-48-1	V Dibromochloromethane		BDL	10	BDL	10	BDL	10	BDL	10
79-00-5	V 1,1,2-Trichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
71-43-2	V Benzene		BDL	10	BDL	10	BDL	10	BDL	10
10061-02-6	V Trans-1,3-Dichloropropene		BDL	10	BDL	10	BDL	10	BDL	10
75-25-2	V Bromoform		BDL	10	BDL	10	BDL	10	BDL	10
108-10-1	V 4-Methyl-2-Pentanone		BDL	10	BDL	10	BDL	10	BDL	10
591-78-6	V 2-Hexanone		BDL	10	BDL	10	BDL	10	BDL	10
127-18-4	V Tetrachloroethene		BDL	10	BDL	10	BDL	10	BDL	10
79-34-5	V 1,1,2,2-Tetrachloroethane		BDL	10	BDL	10	BDL	10	BDL	10
108-88-3	V Toluene		BDL	10	BDL	10	BDL	10	BDL	10
108-90-7	V Chlorobenzene		BDL	10	BDL	10	BDL	10	BDL	10
100-41-4	V Ethylbenzene		BDL	10	BDL	10	BDL	10	BDL	10
100-42-5	V Styrene		BDL	10	BDL	10	BDL	10	BDL	10
1330-20-7	V Xylenes (Total)		BDL	10	BDL	10	BDL	10	BDL	10
SEMI-VOLATILES										
108-95-2	A Phenol		BDL	330	BDL	330	BDL	330	BDL	330
111-44-4	A Bis(2-Chloroethyl)ether		BDL	330	BDL	330	BDL	330	BDL	330
95-57-8	A 2-Chlorophenol		BDL	330	BDL	330	BDL	330	BDL	330
541-73-1	A 1,3-Dichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
106-48-7	A 1,4-Dichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
95-50-1	A 1,2-Dichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
95-48-7	A 2-Methylphenol		BDL	330	BDL	330	BDL	330	BDL	330
108-60-1	A 2,2'-oxybis(1-Chloropropane)		BDL	330	BDL	330	BDL	330	BDL	330
106-44-5	A 4-Methylphenol		BDL	330	BDL	330	BDL	330	BDL	330
621-64-7	A N-Nitroso-di-n-propylamine		BDL	330	BDL	330	BDL	330	BDL	330
67-72-1	A Hexachloroethane		BDL	330	BDL	330	BDL	330	BDL	330
98-95-3	A Nitrobenzene		BDL	330	BDL	330	BDL	330	BDL	330
78-59-1	A Isophorone		BDL	330	BDL	330	BDL	330	BDL	330
88-75-5	A 2-Nitrophenol		BDL	330	BDL	330	BDL	330	BDL	330
105-67-9	A 2,4-Dimethylphenol		BDL	330	BDL	330	BDL	330	BDL	330
111-91-1	A Bis(2-Chloroethoxy)methane		BDL	330	BDL	330	BDL	330	BDL	330
120-83-2	A 2,4-Dichlorophenol		BDL	330	BDL	330	BDL	330	BDL	330
120-82-1	A 1,2,4-Trichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
91-20-3	A Naphthalene		BDL	330	BDL	330	BDL	330	BDL	330
106-47-8	A 4-Chloroaniline		BDL	330	BDL	330	BDL	330	BDL	330
67-68-3	A Hexachlorobutadiene		BDL	330	BDL	330	BDL	330	BDL	330
59-50-7	A 4-Chloro-3-methylphenol		BDL	330	BDL	330	BDL	330	BDL	330
91-57-6	A 2-Methylnaphthalene		BDL	330	BDL	330	BDL	330	BDL	330
77-47-4	A Hexachlorocyclopentadiene		BDL	330	BDL	330	BDL	330	BDL	330
88-06-2	A 2,4,6-Trichlorophenol		BDL	330	BDL	330	BDL	330	BDL	330

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
			42B10-3 SOIL ug/kg	1600	42B10-4 SOIL ug/kg	1600	42B11-2 SOIL ug/kg	1600	42B11-3 SOIL ug/kg	1600
95-95-4	A	2,4,5-Trichlorophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
91-58-7	A	2-Chloronaphthalene	BDL	330	BDL	330	BDL	330	BDL	330
88-74-4	A	2-Nitroaniline	BDL	1600	BDL	1600	BDL	1600	BDL	1600
131-11-3	A	Dimethylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
208-06-8	A	Acenaphthylene	BDL	330	BDL	330	BDL	330	BDL	330
606-20-2	A	2,6-Dinitrotoluene	BDL	330	BDL	330	BDL	330	BDL	330
99-09-2	A	3-Nitroaniline	BDL	1600	BDL	1600	BDL	1600	BDL	1600
83-32-9	A	Acenaphthene	BDL	330	BDL	330	BDL	330	BDL	330
51-28-5	B	2,4-Dinitrophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
100-02-7	B	4-Nitrophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
132-64-9	B	Dibenzofuran	BDL	330	BDL	330	BDL	330	BDL	330
121-14-2	B	2,4-Dinitrotoluene	BDL	330	BDL	330	BDL	330	BDL	330
84-66-2	B	Diethylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
7005-72-3	B	4-Chlorophenyl-phenylether	BDL	330	BDL	330	BDL	330	BDL	330
86-73-7	B	Fluorene	BDL	330	BDL	330	BDL	330	BDL	330
100-01-6	B	4-Nitroaniline	BDL	1600	BDL	1600	BDL	1600	BDL	1600
534-52-1	B	4,6-Dinitro-2-methylphenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
86-30-6	B	N-Nitrosodiphenylamine(1)	BDL	330	BDL	330	BDL	330	BDL	330
101-55-3	B	4-Bromophenyl-phenylether	BDL	330	BDL	330	BDL	330	BDL	330
118-74-1	B	Hexachlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
87-86-5	B	Pentachlorophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
85-01-8	B	Phenanthrene	BDL	330	BDL	330	BDL	330	BDL	330
120-12-7	B	Anthracene	BDL	330	BDL	330	BDL	330	BDL	330
86-74-8	B	Carbazole	BDL	330	BDL	330	BDL	330	BDL	330
84-74-2	B	Di-n-butylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
206-44-0	B	Fluoranthene	BDL	330	BDL	330	BDL	330	BDL	330
129-00-0	B	Pyrene	BDL	330	BDL	330	BDL	330	BDL	330
85-68-7	B	Butylbenzylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
91-94-1	B	3,3'-Dichlorobenzidine	BDL	660	BDL	660	BDL	660	BDL	660
56-55-3	B	Benzo(a)anthracene	BDL	330	BDL	330	BDL	330	BDL	330
218-01-9	B	Chrysene	BDL	330	BDL	330	BDL	330	BDL	330
117-81-7	B	bis(2-Ethylhexyl)phthalate	BDL	330	BDL	330	BDL	330	BDL	330
117-84-0	B	Di-n-octylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
205-99-2	B	Benzo(b)fluoranthene	BDL	330	BDL	330	BDL	330	BDL	330
207-08-9	B	Benzo(k)fluoranthene	BDL	330	BDL	330	BDL	330	BDL	330
50-32-8	B	Benzo(a)pyrene	BDL	330	BDL	330	BDL	330	BDL	330
193-39-5	B	Indeno(1,2,3-cd)pyrene	BDL	330	BDL	330	BDL	330	BDL	330
53-70-3	B	Dibenz(a,h)anthracene	BDL	330	BDL	330	BDL	330	BDL	330
191-24-2	B	Benzo(g,h,i)perylene	BDL	330	BDL	330	BDL	330	BDL	330
PESTICIDES										
319-84-6	P	Alpha-BHC	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-85-7	P	Beta-BHC	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-86-8	P	Delta-BHC	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
58-89-9	P	Gamma-BHC (Lindane)	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
76-44-8	P	Heptachlor	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
309-00-2	P	Aldrin	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
1024-57-3	P	Heptachlor epoxide	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
959-98-8	P	Endosulfan I	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
60-57-1	P	Dieldrin	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-55-9	P	4,4'-DDE	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-20-8	P	Endrin	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
33213-65-9	P	Endosulfan II	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-54-8	P	4,4'-DDD	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
1031-07-8	P	Endosulfan sulfate		13		12		14		13
50-29-3	P	4,4'-DDT	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-43-5	P	Methoxychlor	BDL	17	BDL	17	BDL	17	BDL	17
53494-70-5	P	Endrin ketone	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
7421-36-3	P	Endrin aldehyde	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
5103-71-9	P	Alpha-Chlordane	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
5103-74-2	P	Gamma-Chlordane	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B10-3		INDIAN HEAD 42B10-4		INDIAN HEAD 42B11-2		INDIAN HEAD 42B11-3	
			SOIL ug/kg	ug/kg	SOIL ug/kg	ug/kg	SOIL ug/kg	ug/kg	SOIL ug/kg	ug/kg
8001-35-2	P Toxaphene		BDL	170	BDL	170	BDL	170	BDL	170
12674-11-2	P Aroclor-1016		BDL	33	BDL	33	BDL	33	BDL	33
11104-28-2	P Aroclor-1221		BDL	67	BDL	67	BDL	67	BDL	67
11141-16-5	P Aroclor-1232		BDL	33	BDL	33	BDL	33	BDL	33
53469-21-9	P Aroclor-1242		BDL	33	BDL	33	BDL	33	BDL	33
12672-29-6	P Aroclor-1248		BDL	33	BDL	33	BDL	33	BDL	33
11097-69-1	P Aroclor-1254		BDL	33	BDL	33	BDL	33	BDL	33
11096-82-5	P Aroclor-1260		BDL	33	BDL	33	BDL	33	BDL	33
	INORGANICS	UNITS	mg/kg		mg/kg		mg/kg		mg/kg	
7429-90-5	M Aluminum		3600		7640		9840		11800	
7440-36-0	M Antimony		BDL	6	BDL	6	BDL	6	BDL	6
7440-38-2	M Arsenic		BDL	10	BDL	10	BDL	10	BDL	10
7440-39-3	M Barium		56		92		34		97	
7440-41-7	M Beryllium		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
7440-43-9	M Cadmium		BDL	0.5	BDL	0.5	1		BDL	0.5
7440-70-2	M Calcium		BDL	500		896		BDL	500	BDL
7440-47-3	M Chromium		6		13		2		17	
7440-48-4	M Cobalt		BDL	5	BDL	5	BDL	5	BDL	5
7440-50-8	M Copper		BDL	2.5	BDL	2.5	14		10	
7439-89-6	M Iron		7540		10400		65200		26300	
7439-92-1	M Lead		5		10		11		12	
7439-95-4	M Magnesium		BDL	500	1160		865		931	
7439-96-5	M Manganese		114		84		37		25	
7439-97-6	M Mercury		BDL	0.1	BDL	0.1	0		BDL	0.1
7440-02-0	M Nickel		BDL	4	8		8		10	
7440-09-7	M Potassium		BDL	500	958		675		704	
7782-49-2	M Selenium		BDL	5	BDL	5	BDL	5	BDL	5
7440-22-4	M Silver		BDL	1	BDL	1	BDL	1	BDL	1
7440-23-5	M Sodium		BDL	500	BDL	500	BDL	500	BDL	500
7440-28-0	M Thallium		BDL	10	BDL	10	BDL	10	BDL	10
7440-82-2	M Vanadium		10		21		8		29	
7440-66-6	M Zinc		14		25		30		36	
	M Cyanide		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
			42B11-5 SOIL ug/kg	42B11-6 SOIL ug/kg	42B11-6 SOIL ug/kg	42B12-4 SOIL ug/kg	42B12-5 SOIL ug/kg	42B12-5 SOIL ug/kg		
VOLATILES										
74-87-3	V	Chloromethane	BDL	10	BDL	10	BDL	10	BDL	10
74-83-9	V	Bromomethane	BDL	10	BDL	10	BDL	10	BDL	10
75-01-4	V	Vinyl Chloride	BDL	10	BDL	10	BDL	10	BDL	10
75-00-3	V	Chloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-09-2	V	Methylene Chloride	BDL	10	BDL	10	BDL	10	BDL	10
67-64-1	V	Acetone	BDL	10	BDL	10	BDL	10	BDL	10
75-15-0	V	Carbon Disulfide	BDL	10	BDL	10	BDL	10	BDL	10
75-35-4	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-34-3	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
540-59-0	V	1,2-Dichloroethane (total)	BDL	10	BDL	10	BDL	10	BDL	10
67-66-3	V	Chloroform	BDL	10	BDL	10	BDL	10	BDL	10
107-06-2	V	1,2-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
78-93-3	V	2-Butanone	BDL	10	BDL	10	BDL	10	BDL	10
71-55-6	V	1,1,1-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
58-23-5	V	Carbon Tetrachloride	BDL	10	BDL	10	BDL	10	BDL	10
75-27-4	V	Bromodichloromethane	BDL	10	BDL	10	BDL	10	BDL	10
78-87-5	V	1,2-Dichloropropane	BDL	10	BDL	10	BDL	10	BDL	10
10061-01-5	V	cis-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
79-01-6	V	Trichloroethane	BDL	10	116	BDL	BDL	10	BDL	10
124-48-1	V	Dibromochloromethane	BDL	10	BDL	10	BDL	10	BDL	10
79-00-5	V	1,1,2-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
71-43-2	V	Benzene	BDL	10	BDL	10	BDL	10	BDL	10
10061-02-6	V	Trans-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
75-25-2	V	Bromoform	BDL	10	BDL	10	BDL	10	BDL	10
108-10-1	V	4-Methyl-2-Pentanone	BDL	10	BDL	10	BDL	10	BDL	10
591-78-6	V	2-Hexanone	BDL	10	BDL	10	BDL	10	BDL	10
127-18-4	V	Tetrachloroethane	BDL	10	BDL	10	BDL	10	BDL	10
79-34-5	V	1,1,2,2-Tetrachloroethane	BDL	10	BDL	10	BDL	10	BDL	10
108-88-3	V	Toluene	BDL	10	BDL	10	BDL	10	BDL	10
108-90-7	V	Chlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-41-4	V	Ethylbenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-42-5	V	Styrene	BDL	10	BDL	10	BDL	10	BDL	10
1330-20-7	V	Xylenes (Total)	BDL	10	BDL	10	BDL	10	BDL	10
SEMI-VOLATILES										
108-95-2	A	Phenol	BDL	330	BDL	330	BDL	330	BDL	330
111-44-4	A	Bis(2-Chloroethyl)ether	BDL	330	BDL	330	BDL	330	BDL	330
95-57-8	A	2-Chlorophenol	BDL	330	BDL	330	BDL	330	BDL	330
541-73-1	A	1,3-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
106-48-7	A	1,4-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
95-50-1	A	1,2-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
95-48-7	A	2-Methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
108-80-1	A	2,2'-oxybis(1-Chloropropene)	BDL	330	BDL	330	BDL	330	BDL	330
106-44-5	A	4-Methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
621-64-7	A	N-Nitroso-di-n-propylamine	BDL	330	BDL	330	BDL	330	BDL	330
67-72-1	A	Hexachloroethane	BDL	330	BDL	330	BDL	330	BDL	330
98-95-3	A	Nitrobenzene	BDL	330	BDL	330	BDL	330	BDL	330
78-59-1	A	Isophorone	BDL	330	BDL	330	BDL	330	BDL	330
88-75-5	A	2-Nitrophenol	BDL	330	BDL	330	BDL	330	BDL	330
105-67-9	A	2,4-Dimethylphenol	BDL	330	BDL	330	BDL	330	BDL	330
111-91-1	A	Bis(2-Chloroethoxy)methane	BDL	330	BDL	330	BDL	330	BDL	330
120-83-2	A	2,4-Dichlorophenol	BDL	330	BDL	330	BDL	330	BDL	330
120-82-1	A	1,2,4-Trichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
91-20-3	A	Naphthalene	BDL	330	BDL	330	BDL	330	BDL	330
106-47-8	A	4-Chloroaniline	BDL	330	BDL	330	BDL	330	BDL	330
87-68-3	A	Hexachlorobutadiene	BDL	330	BDL	330	BDL	330	BDL	330
59-50-7	A	4-Chloro-3-methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
91-57-6	A	2-Methylnaphthalene	BDL	330	BDL	330	BDL	330	BDL	330
77-47-4	A	Hexachlorocyclopentadiene	BDL	330	BDL	330	BDL	330	BDL	330
88-06-2	A	2,4,6-Trichlorophenol	BDL	330	BDL	330	BDL	330	BDL	330

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B11-5		INDIAN HEAD 42B11-6		INDIAN HEAD 42B12-4		INDIAN HEAD 42B12-5	
			SOIL ug/kg		SOIL ug/kg		SOIL ug/kg		SOIL ug/kg	
95-95-4	A	2,4,5-Trichlorophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
91-58-7	A	2-Chloronaphthalene	BDL	330	BDL	330	BDL	330	BDL	330
88-74-4	A	2-Nitroaniline	BDL	1600	BDL	1600	BDL	1600	BDL	1600
131-11-3	A	Dimethylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
208-06-8	A	Acenaphthylene	BDL	330	BDL	330	BDL	330	BDL	330
606-20-2	A	2,6-Dinitrotoluene	BDL	330	BDL	330	BDL	330	BDL	330
99-09-2	A	3-Nitroaniline	BDL	1600	BDL	1600	BDL	1600	BDL	1600
83-32-9	A	Acenaphthene	BDL	330	BDL	330	BDL	330	BDL	330
51-28-5	B	2,4-Dinitrophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
100-02-7	B	4-Nitrophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
132-64-9	B	Dibenzofuran	BDL	330	BDL	330	BDL	330	BDL	330
121-14-2	B	2,4-Dinitrotoluene	BDL	330	BDL	330	BDL	330	BDL	330
84-66-2	B	Diethylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
7005-72-3	B	4-Chlorophenyl-phenylether	BDL	330	BDL	330	BDL	330	BDL	330
86-73-7	B	Fluorene	BDL	330	BDL	330	BDL	330	BDL	330
100-01-6	B	4-Nitroaniline	BDL	1600	BDL	1600	BDL	1600	BDL	1600
534-52-1	B	4,6-Dinitro-2-methylphenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
86-30-8	B	N-Nitrosodiphenylamine(1)	BDL	330	BDL	330	BDL	330	BDL	330
101-55-3	B	4-Bromophenyl-phenylether	BDL	330	BDL	330	BDL	330	BDL	330
118-74-1	B	Hexachlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
87-86-5	B	Pentachlorophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
85-01-8	B	Phenanthrene	BDL	330	BDL	330	BDL	330	BDL	330
120-12-7	B	Anthracene	BDL	330	BDL	330	BDL	330	BDL	330
86-74-8	B	Carbazole	BDL	330	BDL	330	BDL	330	BDL	330
84-74-2	B	Di-n-butylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
206-44-0	B	Fluoranthene	BDL	330	BDL	330	BDL	330	BDL	330
129-00-0	B	Pyrene	BDL	330	BDL	330	BDL	330	BDL	330
85-68-7	B	Butylbenzylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
91-94-1	B	3,3'-Dichlorobenzidine	BDL	660	BDL	660	BDL	660	BDL	660
56-55-3	B	Benzo(a)anthracene	BDL	330	BDL	330	BDL	330	BDL	330
218-01-9	B	Chrysene	BDL	330	BDL	330	BDL	330	BDL	330
117-81-7	B	bis(2-Ethylhexyl)phthalate	BDL	330	BDL	330	BDL	330	BDL	330
117-84-0	B	Di-n-octylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
205-90-2	B	Benzo(b)fluoranthene	BDL	330	BDL	330	BDL	330	BDL	330
207-08-9	B	Benzo(k)fluoranthene	BDL	330	BDL	330	BDL	330	BDL	330
50-32-8	B	Benzo(a)pyrene	BDL	330	BDL	330	BDL	330	BDL	330
193-39-5	B	Indeno(1,2,3-cd)pyrene	BDL	330	BDL	330	BDL	330	BDL	330
53-70-3	B	Dibenz(a,h)anthracene	BDL	330	BDL	330	BDL	330	BDL	330
191-24-2	B	Benzo(g,h,i)perylene	BDL	330	BDL	330	BDL	330	BDL	330
PESTICIDES										
319-84-6	P	Alpha-BHC	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-85-7	P	Beta-BHC	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-86-8	P	Delta-BHC	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
58-89-9	P	Gamma-BHC (Lindane)	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
76-44-8	P	Heptachlor	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
309-00-2	P	Aldrin	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
1024-57-3	P	Heptachlor epoxide	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
959-98-8	P	Endosulfan I	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
60-57-1	P	Dieldrin	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-55-9	P	4,4'-DDE	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-20-8	P	Endrin	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
33213-85-9	P	Endosulfan II	BDL	3.3		5		7	BDL	3.3
72-54-8	P	4,4'-DDD	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
1031-07-8	P	Endosulfan sulfate		15		17	BDL		3.3	16
50-29-3	P	4,4'-DDT	BDL	3.3	BDL	3.3	BDL	3.3		8
72-43-5	P	Methoxychlor	BDL	17	BDL	17	BDL	17	BDL	17
53494-70-5	P	Endrin ketone	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
7421-36-3	P	Endrin aldehyde	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
5103-71-9	P	Alpha-Chlordane	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
5103-74-2	P	Gamma-Chlordane	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B11-5		INDIAN HEAD 42B11-6		INDIAN HEAD 42B12-4		INDIAN HEAD 42B12-5	
			SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg		
8001-35-2	P Toxaphene		BDL	170	BDL	170	BDL	170	BDL	170
12674-11-2	P Aroclor-1016		BDL	33	BDL	33	BDL	33	BDL	33
11104-28-2	P Aroclor-1221		BDL	67	BDL	67	BDL	67	BDL	67
11141-16-5	P Aroclor-1232		BDL	33	BDL	33	BDL	33	BDL	33
53460-21-8	P Aroclor-1242		BDL	33	BDL	33	BDL	33	BDL	33
12672-29-6	P Aroclor-1248		BDL	33	BDL	33	BDL	33	BDL	33
11097-69-1	P Aroclor-1254		BDL	33	BDL	33	BDL	33	BDL	33
11096-82-5	P Aroclor-1260		BDL	33	BDL	33	BDL	33	BDL	33
INORGANICS			mg/kg		mg/kg		mg/kg		mg/kg	
7429-90-5	M Aluminum		8690		3640		8130		3110	
7440-36-0	M Antimony		BDL	6	BDL	6	BDL	6	BDL	6
7440-38-2	M Arsenic		BDL	10	BDL	10	BDL	10	BDL	10
7440-39-3	M Barium		113		51		52		BDL	20
7440-41-7	M Beryllium		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
7440-43-9	M Cadmium		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
7440-70-2	M Calcium		881		704		BDL	500	BDL	500
7440-47-3	M Chromium		14		7		8		2	
7440-48-4	M Cobalt		35		10		12		BDL	5
7440-50-8	M Copper		16		7		BDL	2.5	BDL	2.5
7439-89-6	M Iron		16400		10300		9640		15500	
7439-92-1	M Lead		12		7		8		BDL	3
7439-95-4	M Magnesium		2580		849		627		BDL	500
7439-96-5	M Manganese		657		133		163		32	
7439-97-6	M Mercury		BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
7440-02-0	M Nickel		25		11		9		BDL	4
7440-09-7	M Potassium		775		BDL	500	BDL	500	BDL	500
7782-49-2	M Selenium		BDL	5	BDL	5	BDL	5	BDL	5
7440-22-4	M Silver		BDL	1	BDL	1	BDL	1	BDL	1
7440-23-5	M Sodium		BDL	500	BDL	500	128		BDL	500
7440-28-0	M Thallium		BDL	10	BDL	10	BDL	10	BDL	10
7440-62-2	M Vanadium		20		16		15		BDL	5
7440-66-6	M Zinc		70		29		21		11	
	M Cyanide		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B12-6		INDIAN HEAD 42B13-2		INDIAN HEAD 42B13-3		INDIAN HEAD 42B13-5	
			SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg		
VOLATILES										
74-87-3	V	Chloromethane	BDL	10	BDL	10	BDL	10	BDL	10
74-83-9	V	Bromomethane	BDL	10	BDL	10	BDL	10	BDL	10
75-01-4	V	Vinyl Chloride	BDL	10	BDL	10	BDL	10	BDL	10
75-00-3	V	Chloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-09-2	V	Methylene Chloride	BDL	10	7		6		BDL	10
67-64-1	V	Acetone	140		BDL	10	BDL	10	BDL	10
75-15-0	V	Carbon Disulfide	BDL	10	BDL	10	BDL	10	BDL	10
75-35-4	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-34-3	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
540-59-0	V	1,2-Dichloroethane (total)	BDL	10	BDL	10	BDL	10	BDL	10
67-66-3	V	Chloroform	BDL	10	BDL	10	BDL	10	BDL	10
107-06-2	V	1,2-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
78-63-3	V	2-Butanone	BDL	10	BDL	10	BDL	10	BDL	10
71-55-6	V	1,1,1-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
56-23-5	V	Carbon Tetrachloride	BDL	10	BDL	10	BDL	10	BDL	10
75-27-4	V	Bromodichloromethane	BDL	10	BDL	10	BDL	10	BDL	10
78-87-5	V	1,2-Dichloropropane	BDL	10	BDL	10	BDL	10	BDL	10
10061-01-5	V	cis-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
79-01-6	V	Trichloroethene	BDL	10	BDL	10	10		57	
124-48-1	V	Dibromochloromethane	BDL	10	BDL	10	BDL	10	BDL	10
79-00-5	V	1,1,2-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
71-43-2	V	Benzene	BDL	10	BDL	10	BDL	10	BDL	10
10061-02-6	V	Trans-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
75-25-2	V	Bromoform	BDL	10	BDL	10	BDL	10	BDL	10
108-10-1	V	4-Methyl-2-Pentanone	BDL	10	BDL	10	BDL	10	BDL	10
591-78-6	V	2-Hexanone	BDL	10	BDL	10	BDL	10	BDL	10
127-18-4	V	Tetrachloroethane	BDL	10	BDL	10	BDL	10	BDL	10
76-34-5	V	1,1,2,2-Tetrachloroethane	BDL	10	BDL	10	BDL	10	BDL	10
108-88-3	V	Toluene	BDL	10	BDL	10	BDL	10	BDL	10
108-90-7	V	Chlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-41-4	V	Ethylbenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-42-5	V	Styrene	BDL	10	BDL	10	BDL	10	BDL	10
1330-20-7	V	Xylenes (Total)	BDL	10	BDL	10	BDL	10	BDL	10
SEMI-VOLATILES										
108-95-2	A	Phenol	BDL	330	BDL	330	BDL	330	BDL	330
111-44-4	A	Bis(2-Chloroethyl)ether	BDL	330	BDL	330	BDL	330	BDL	330
95-57-8	A	2-Chlorophenol	BDL	330	BDL	330	BDL	330	BDL	330
541-73-1	A	1,3-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
106-46-7	A	1,4-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
95-50-1	A	1,2-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
95-48-7	A	2-Methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
108-60-1	A	2,2'-oxybis(1-Chloropropane)	BDL	330	BDL	330	BDL	330	BDL	330
108-44-5	A	4-Methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
621-64-7	A	N-Nitroso-di-n-propylamine	BDL	330	BDL	330	BDL	330	BDL	330
67-72-1	A	Hexachloroethane	BDL	330	BDL	330	BDL	330	BDL	330
98-95-3	A	Nitrobenzene	BDL	330	BDL	330	BDL	330	BDL	330
78-59-1	A	Isophorone	BDL	330	BDL	330	BDL	330	BDL	330
88-75-5	A	2-Nitrophenol	BDL	330	BDL	330	BDL	330	BDL	330
105-67-9	A	2,4-Dimethylphenol	BDL	330	BDL	330	BDL	330	BDL	330
111-91-1	A	Bis(2-Chloroethoxy)methane	BDL	330	BDL	330	BDL	330	BDL	330
120-83-2	A	2,4-Dichlorophenol	BDL	330	BDL	330	BDL	330	BDL	330
120-82-1	A	1,2,4-Trichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
91-20-3	A	Naphthalene	BDL	330	BDL	330	BDL	330	BDL	330
106-47-8	A	4-Chloroaniline	BDL	330	BDL	330	BDL	330	BDL	330
87-68-3	A	Hexachlorobutadiene	BDL	330	BDL	330	BDL	330	BDL	330
59-50-7	A	4-Chloro-3-methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
91-57-6	A	2-Methylnaphthalene	BDL	330	BDL	330	BDL	330	BDL	330
77-47-4	A	Hexachlorocyclopentadiene	BDL	330	BDL	330	BDL	330	BDL	330
88-06-2	A	2,4,6-Trichlorophenol	BDL	330	BDL	330	BDL	330	BDL	330

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B12-6		INDIAN HEAD 42B13-2		INDIAN HEAD 42B13-3		INDIAN HEAD 42B13-5	
			SOIL ug/kg	1600	SOIL ug/kg	1600	SOIL ug/kg	1600	SOIL ug/kg	1600
95-95-4	A 2,4,5-Trichlorophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
91-58-7	A 2-Chloronaphthalene		BDL	330	BDL	330	BDL	330	BDL	330
88-74-4	A 2-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
131-11-3	A Dimethylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
208-06-8	A Acenaphthylene		BDL	330	BDL	330	BDL	330	BDL	330
806-20-2	A 2,6-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
99-09-2	A 3-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
83-32-9	A Acenaphthene		BDL	330	BDL	330	BDL	330	BDL	330
51-28-5	B 2,4-Dinitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
100-02-7	B 4-Nitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
132-64-9	B Dibenzofuran		BDL	330	BDL	330	BDL	330	BDL	330
121-14-2	B 2,4-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
84-66-2	B Diethylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
7005-72-3	B 4-Chlorophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
86-73-7	B Fluorene		BDL	330	BDL	330	BDL	330	BDL	330
100-01-6	B 4-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
534-52-1	B 4,6-Dinitro-2-methylphenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
88-30-6	B N-Nitrosodiphenylamine(1)		BDL	330	BDL	330	BDL	330	BDL	330
101-55-3	B 4-Bromophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
118-74-1	B Hexachlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
87-86-5	B Pentachlorophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
85-01-8	B Phenanthrene		BDL	330	BDL	330	BDL	330	BDL	330
120-12-7	B Anthracene		BDL	330	BDL	330	BDL	330	BDL	330
86-74-8	B Carbazole		BDL	330	BDL	330	BDL	330	BDL	330
84-74-2	B Di-n-butylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
208-44-0	B Fluoranthene		BDL	330	377	BDL	330	BDL	330	330
129-00-0	B Pyrene		BDL	330	755	BDL	330	BDL	330	330
85-68-7	B Butylbenzylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
91-94-1	B 3,3'-Dichlorobenzidine		BDL	660	BDL	660	BDL	660	BDL	660
58-55-3	B Benzo(a)anthracene		BDL	330	BDL	330	BDL	330	BDL	330
218-01-9	B Chrysene		BDL	330	377	BDL	330	BDL	330	330
117-81-7	B bis(2-Ethylhexyl)phthalate		BDL	330	BDL	330	BDL	330	BDL	330
117-84-0	B Di-n-octylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
205-09-2	B Benzo(b)fluoranthene		BDL	330	448	BDL	330	BDL	330	330
207-08-9	B Benzo(k)fluoranthene		BDL	330	224	BDL	330	BDL	330	330
50-32-8	B Benzo(a)pyrene		BDL	279	BDL	330	BDL	330	BDL	330
193-39-5	B Indeno(1,2,3-cd)pyrene		BDL	330	BDL	330	BDL	330	BDL	330
53-70-3	B Dibenz(a,h)anthracene		BDL	330	BDL	330	BDL	330	BDL	330
191-24-2	B Benzo(g,h,i)perylene		BDL	330	BDL	330	BDL	330	BDL	330
PESTICIDES										
319-84-6	P Alpha-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-85-7	P Beta-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-86-8	P Delta-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
58-89-9	P Gamma-BHC (Lindane)		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
78-44-8	P Heptachlor		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
309-00-2	P Aldrin		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
1024-57-3	P Heptachlor epoxide		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
959-98-8	P Endosulfan I		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
60-57-1	P Dieldrin		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-55-9	P 4,4'-DDE		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-20-8	P Endrin		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
33213-65-9	P Endosulfan II		BDL	3.3	BDL	3.3	BDL	3.3	4	3.3
72-54-8	P 4,4'-DDD		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
1031-07-8	P Endosulfan sulfate		BDL	3.3	8	17	BDL	16	BDL	3.3
50-29-3	P 4,4'-DDT		BDL	3.3	5	BDL	3.3	BDL	3.3	3.3
72-43-5	P Methoxychlor		BDL	17	BDL	17	BDL	17	BDL	17
53484-70-5	P Endrin ketone		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
7421-36-3	P Endrin aldehyde		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
5103-71-9	P Alpha-Chlordane		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
5103-74-2	P Gamma-Chlordane		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B12-6		INDIAN HEAD 42B13-2		INDIAN HEAD 42B13-3		INDIAN HEAD 42B13-5	
			SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg		
8001-35-2	P Toxaphene		BDL	170	BDL	170	BDL	170	BDL	170
12674-11-2	P Aroclor-1016		BDL	33	BDL	33	BDL	33	BDL	33
11104-28-2	P Aroclor-1221		BDL	67	BDL	67	BDL	67	BDL	67
11141-16-5	P Aroclor-1232		BDL	33	BDL	33	BDL	33	BDL	33
53469-21-9	P Aroclor-1242		BDL	33	BDL	33	BDL	33	BDL	33
12672-29-6	P Aroclor-1248		BDL	33	BDL	33	BDL	33	BDL	33
11097-69-1	P Aroclor-1254		BDL	33	BDL	33	BDL	33	BDL	33
11096-82-5	P Aroclor-1260		BDL	33	BDL	33	BDL	33	BDL	33
INORGANICS			mg/kg		mg/kg		mg/kg		mg/kg	
7429-90-5	M Aluminum		12600		8610		12800		1490	
7440-36-0	M Antimony		BDL	6	BDL	6	BDL	6	BDL	6
7440-38-2	M Arsenic		BDL	10	BDL	10	BDL	10	BDL	10
7440-39-3	M Barium		100		71		74		BDL	20
7440-41-7	M Beryllium		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
7440-43-9	M Cadmium		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
7440-70-2	M Calcium		1130		990		BDL	500	BDL	500
7440-47-3	M Chromium		19		14		16		5	
7440-48-4	M Cobalt		16		9		7		BDL	5
7440-50-8	M Copper		BDL	2.5	7		BDL	2.5	BDL	2.5
7439-89-6	M Iron		16500		14100		9310		8340	
7439-92-1	M Lead		9		17		7		BDL	3
7439-95-4	M Magnesium		1780		1300		1160		BDL	500
7439-96-5	M Manganese		124		78		40		39	
7439-97-6	M Mercury		BDL	0.1	0		BDL	0.1	BDL	0.1
7440-02-0	M Nickel		19		12		12		BDL	4
7440-09-7	M Potassium		1290		990		710		BDL	500
7782-49-2	M Selenium		BDL	5	BDL	5	BDL	5	BDL	5
7440-22-4	M Silver		BDL	1	BDL	1	BDL	1	BDL	1
7440-23-5	M Sodium		BDL	500	BDL	500	BDL	500	BDL	500
7440-28-0	M Thallium		BDL	10	BDL	10	BDL	10	BDL	10
7440-82-2	M Vanadium		36		24		17		BDL	5
7440-66-6	M Zinc		48		44		30		7	
	M Cyanide		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B14-2		INDIAN HEAD 42B14-3		INDIAN HEAD 42B14-4		INDIAN HEAD 42B15-3	
			SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg		
VOLATILES										
74-87-3	V Chloromethane		BDL	10	BDL	10	BDL	10	BDL	10
74-83-9	V Bromomethane		BDL	10	BDL	10	BDL	10	BDL	10
75-01-4	V Vinyl Chloride		BDL	10	BDL	10	BDL	10	BDL	10
75-00-3	V Chloroethane		BDL	10	BDL	10	BDL	10	BDL	10
75-09-2	V Methylene Chloride			7		6	BDL	10	BDL	10
67-64-1	V Acetone		BDL	10		167	BDL	10		79
75-15-0	V Carbon Disulfide		BDL	10	BDL	10	BDL	10	BDL	10
75-35-4	V 1,1-Dichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
75-34-3	V 1,1-Dichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
540-59-0	V 1,2-Dichloroethane (total)		BDL	10	BDL	10	BDL	10	BDL	10
67-88-3	V Chloroform		BDL	10	BDL	10	BDL	10	BDL	10
107-06-2	V 1,2-Dichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
78-93-3	V 2-Butanone		BDL	10	BDL	10	BDL	10	BDL	10
71-55-6	V 1,1,1-Trichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
56-23-5	V Carbon Tetrachloride		BDL	10	BDL	10	BDL	10	BDL	10
75-27-4	V Bromodichloromethane		BDL	10	BDL	10	BDL	10	BDL	10
78-87-5	V 1,2-Dichloropropane		BDL	10	BDL	10	BDL	10	BDL	10
10061-01-5	V cis-1,3-Dichloropropene		BDL	10	BDL	10	BDL	10	BDL	10
79-01-6	V Trichloroethene		BDL	10	BDL	10	BDL	10	BDL	10
124-48-1	V Dibromochloromethane		BDL	10	BDL	10	BDL	10	BDL	10
79-00-5	V 1,1,2-Trichloroethane		BDL	10	BDL	10	BDL	10	BDL	10
71-43-2	V Benzene		BDL	10	BDL	10	BDL	10	BDL	10
10061-02-6	V Trans-1,3-Dichloropropene		BDL	10	BDL	10	BDL	10	BDL	10
75-25-2	V Bromoform		BDL	10	BDL	10	BDL	10	BDL	10
108-10-1	V 4-Methyl-2-Pentanone		BDL	10	BDL	10	BDL	10	BDL	10
591-78-6	V 2-Hexanone		BDL	10	BDL	10	BDL	10	BDL	10
127-18-4	V Tetrachloroethene		BDL	10	BDL	10	BDL	10	BDL	10
79-34-5	V 1,1,2,2-Tetrachloroethane		BDL	10	BDL	10	BDL	10	BDL	10
108-88-3	V Toluene		BDL	10	BDL	10	BDL	10	BDL	10
108-90-7	V Chlorobenzene		BDL	10	BDL	10	BDL	10	BDL	10
100-41-4	V Ethylbenzene		BDL	10	BDL	10	BDL	10	BDL	10
100-42-5	V Styrene		BDL	10	BDL	10	BDL	10	BDL	10
1330-20-7	V Xylenes (Total)		BDL	10	BDL	10	BDL	10	BDL	10
SEMI-VOLATILES										
108-95-2	A Phenol		BDL	330	BDL	330	BDL	330	BDL	330
111-44-4	A Bis(2-Chloroethyl)ether		BDL	330	BDL	330	BDL	330	BDL	330
95-57-8	A 2-Chlorophenol		BDL	330	BDL	330	BDL	330	BDL	330
541-73-1	A 1,3-Dichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
106-46-7	A 1,4-Dichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
95-50-1	A 1,2-Dichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
95-48-7	A 2-Methylphenol		BDL	330	BDL	330	BDL	330	BDL	330
108-60-1	A 2,2'-oxybis(1-Chloropropane)		BDL	330	BDL	330	BDL	330	BDL	330
106-44-5	A 4-Methylphenol		BDL	330	BDL	330	BDL	330	BDL	330
621-64-7	A N-Nitroso-di-n-propylamine		BDL	330	BDL	330	BDL	330	BDL	330
67-72-1	A Hexachloroethane		BDL	330	BDL	330	BDL	330	BDL	330
98-95-3	A Nitrobenzene		BDL	330	BDL	330	BDL	330	BDL	330
78-59-1	A Isophorone		BDL	330	BDL	330	BDL	330	BDL	330
88-75-5	A 2-Nitrophenol		BDL	330	BDL	330	BDL	330	BDL	330
105-67-9	A 2,4-Dimethylphenol		BDL	330	BDL	330	BDL	330	BDL	330
111-91-1	A Bis(2-Chloroethoxy)methane		BDL	330	BDL	330	BDL	330	BDL	330
120-83-2	A 2,4-Dichlorophenol		BDL	330	BDL	330	BDL	330	BDL	330
120-82-1	A 1,2,4-Trichlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
91-20-3	A Naphthalene		BDL	330	BDL	330		470	BDL	330
106-47-8	A 4-Chloroaniline		BDL	330	BDL	330	BDL	330	BDL	330
87-68-3	A Hexachlorobutadiene		BDL	330	BDL	330	BDL	330	BDL	330
59-50-7	A 4-Chloro-3-methylphenol		BDL	330	BDL	330	BDL	330	BDL	330
91-57-6	A 2-Methylnaphthalene		BDL	330	BDL	330		742	BDL	330
77-47-4	A Hexachlorocyclopentadiene		BDL	330	BDL	330	BDL	330	BDL	330
68-06-2	A 2,4,6-Trichlorophenol		BDL	330	BDL	330	BDL	330	BDL	330

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B14-2		INDIAN HEAD 42B14-3		INDIAN HEAD 42B14-4		INDIAN HEAD 42B15-3	
			SOIL ug/kg	ug/kg	SOIL ug/kg	ug/kg	SOIL ug/kg	ug/kg	SOIL ug/kg	ug/kg
95-95-4	A 2,4,5-Trichlorophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
91-58-7	A 2-Chloronaphthalene		BDL	330	BDL	330	BDL	330	BDL	330
88-74-4	A 2-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
131-11-3	A Dimethylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
208-96-8	A Acenaphthylene		BDL	330	BDL	330	BDL	330	BDL	330
608-20-2	A 2,6-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
99-09-2	A 3-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
83-32-9	A Acenaphthene		BDL	330	BDL	330	1480	BDL	BDL	330
51-28-5	B 2,4-Dinitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
100-02-7	B 4-Nitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
132-64-9	B Dibenzofuran		BDL	330	BDL	330	1220	BDL	BDL	330
121-14-2	B 2,4-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
84-66-2	B Diethylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
7005-72-3	B 4-Chlorophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
86-73-7	B Fluorene		BDL	330	BDL	330	1030	BDL	BDL	330
100-01-6	B 4-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
534-52-1	B 4,6-Dinitro-2-methylphenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
86-30-6	B N-Nitrosodiphenylamine(1)		BDL	330	BDL	330	BDL	330	BDL	330
101-55-3	B 4-Bromophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
118-74-1	B Hexachlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
87-88-5	B Pentachlorophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
85-01-8	B Phenanthrene		BDL	330	BDL	330	1240	BDL	BDL	330
120-12-7	B Anthracene		BDL	330	BDL	330	BDL	330	BDL	330
86-74-8	B Carbazole		BDL	330	BDL	330	BDL	330	BDL	330
84-74-2	B Di-n-butylphthalate		BDL	330	BDL	330	BDL	330	283	BDL
206-44-0	B Fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
129-00-0	B Pyrene		BDL	330	BDL	330	309	BDL	BDL	330
85-68-7	B Butylbenzylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
91-94-1	B 3,3'-Dichlorobenzidine		BDL	660	BDL	660	BDL	660	BDL	660
58-55-3	B Benzo(a)anthracene		BDL	330	BDL	330	BDL	330	BDL	330
218-01-9	B Chrysene		BDL	330	BDL	330	BDL	330	BDL	330
117-81-7	B bis(2-Ethylhexyl)phthalate		BDL	330	668	BDL	BDL	330	BDL	330
117-84-0	B Di-n-octylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
205-99-2	B Benzo(b)fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
207-08-9	B Benzo(k)fluoranthene		BDL	330	BDL	330	BDL	330	BDL	330
50-32-8	B Benzo(a)pyrene		BDL	330	BDL	330	BDL	330	BDL	330
193-39-5	B Indeno(1,2,3-cd)pyrene		BDL	330	BDL	330	BDL	330	BDL	330
53-70-3	B Dibenz(a,h)anthracene		BDL	330	BDL	330	BDL	330	BDL	330
191-24-2	B Benzo(g,h,i)perylene		BDL	330	BDL	330	BDL	330	BDL	330
PESTICIDES										
319-84-6	P Alpha-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-85-7	P Beta-BHC			2		2	BDL	1.7	BDL	1.7
319-86-8	P Delta-BHC			5	BDL	1.7		2	BDL	1.7
58-89-9	P Gamma-BHC (Lindane)		BDL	1.7	BDL	1.7		7	BDL	1.7
76-44-8	P Heptachlor		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
309-00-2	P Aldrin		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
1024-57-3	P Heptachlor epoxide		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
959-98-8	P Endosulfan I		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
60-57-1	P Dieldrin		BDL	3.3		10	BDL	3.3	BDL	3.3
72-55-9	P 4,4'-DDE		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-20-8	P Endrin			4	BDL	3.3	BDL	3.3	BDL	3.3
33213-65-9	P Endosulfan II		BDL	3.3	BDL	3.3	BDL	3.3		6
72-54-8	P 4,4'-DDD		BDL	3.3		5	BDL	3.3	BDL	3.3
1031-07-8	P Endosulfan sulfate		BDL	3.3	BDL	3.3		22		17
50-29-3	P 4,4'-DDT			10		22		4	BDL	3.3
72-43-5	P Methoxychlor		BDL	17	BDL	17		35	BDL	17
53404-70-5	P Endrin ketone		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
7421-36-3	P Endrin aldehyde		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
5103-71-9	P Alpha-Chlordane			2	BDL	1.7	BDL	1.7	BDL	1.7
5103-74-2	P Gamma-Chlordane		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B14-2		INDIAN HEAD 42B14-3		INDIAN HEAD 42B14-4		INDIAN HEAD 42B15-3	
			SOIL ug/kg	170	SOIL ug/kg	170	SOIL ug/kg	170	SOIL ug/kg	170
8001-35-2	P Toxaphene		BDL	170	BDL	170	BDL	170	BDL	170
12874-11-2	P Aroclor-1016		BDL	33	BDL	33	BDL	33	BDL	33
11104-28-2	P Aroclor-1221		BDL	67	BDL	67	BDL	67	BDL	67
11141-16-5	P Aroclor-1232		BDL	33	BDL	33	BDL	33	BDL	33
53469-21-9	P Aroclor-1242		BDL	33	BDL	33	BDL	33	BDL	33
12872-29-6	P Aroclor-1248		BDL	33	BDL	33	BDL	33	BDL	33
11097-69-1	P Aroclor-1254		BDL	33	BDL	33	BDL	33	BDL	33
11086-82-5	P Aroclor-1280		BDL	33	BDL	33	BDL	33	BDL	33
	INORGANICS	UNITS	mg/kg		mg/kg		mg/kg		mg/kg	
7429-90-5	M Aluminum		8040		8740		5320		13000	
7440-38-0	M Antimony		BDL	6	BDL	6	BDL	6	BDL	6
7440-38-2	M Arsenic		BDL	10	BDL	10	BDL	10	BDL	10
7440-39-3	M Barium		65		64		84		307	
7440-41-7	M Beryllium		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
7440-43-9	M Cadmium		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
7440-70-2	M Calcium		1080		BDL	500	BDL	500	802	
7440-47-3	M Chromium		11		9		6		17	
7440-48-4	M Cobalt		15		8		11		8	
7440-50-8	M Copper		10		17		11		13	
7439-89-6	M Iron		16800		16700		10000		22400	
7439-92-1	M Lead		118		26		8		12	
7439-95-4	M Magnesium		1560		1670		BDL	500	1530	
7439-96-5	M Manganese		156		154		120		46	
7439-97-6	M Mercury		BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
7440-02-0	M Nickel		16		9		9		15	
7440-09-7	M Potassium		754		BDL	500	BDL	500	601	
7782-49-2	M Selenium		BDL	5	BDL	5	BDL	5	BDL	5
7440-22-4	M Silver		BDL	1	BDL	10	BDL	1	BDL	1
7440-23-5	M Sodium		BDL	500	BDL	154	BDL	124	BDL	271
7440-28-0	M Thallium		BDL	10	BDL	10	BDL	10	BDL	3
7440-62-2	M Vanadium		19		15		10		22	
7440-66-6	M Zinc		40		379		35		104	
	M Cyanide		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD	INDIAN HEAD	INDIAN HEAD	INDIAN HEAD
			42B15-4 SOIL ug/kg	42B15-5 SOIL ug/kg	42B16-3C SOIL ug/kg	42B16-4 SOIL ug/kg
VOLATILES						
74-87-3	V Chloromethane	BDL	10	BDL	10	BDL
74-83-9	V Bromomethane	BDL	10	BDL	10	BDL
75-01-4	V Vinyl Chloride	BDL	10	BDL	10	BDL
75-00-3	V Chloroethane	BDL	10	BDL	10	BDL
75-09-2	V Methylene Chloride	BDL	10	BDL	10	13
67-84-1	V Acetone	BDL	10	BDL	10	81
75-15-0	V Carbon Disulfide	BDL	10	BDL	10	BDL
75-35-4	V 1,1-Dichloroethane	BDL	10	BDL	10	BDL
75-34-3	V 1,1-Dichloroethane	BDL	10	BDL	10	BDL
540-59-0	V 1,2-Dichloroethane(total)	BDL	10	BDL	10	BDL
67-88-3	V Chloroform	BDL	10	BDL	10	BDL
107-06-2	V 1,2-Dichloroethane	BDL	10	BDL	10	BDL
78-03-3	V 2-Butanone	BDL	10	BDL	10	BDL
71-55-6	V 1,1,1-Trichloroethane	BDL	10	BDL	10	BDL
58-23-5	V Carbon Tetrachloride	BDL	10	BDL	10	BDL
75-27-4	V Bromodichloromethane	BDL	10	BDL	10	BDL
78-87-5	V 1,2-Dichloropropane	BDL	10	BDL	10	BDL
10061-01-5	V cis-1,3-Dichloropropene	BDL	10	BDL	10	BDL
79-01-6	V Trichloroethane	BDL	10	BDL	10	BDL
124-48-1	V Dibromochloromethane	BDL	10	BDL	10	BDL
79-00-5	V 1,1,2-Trichloroethane	BDL	10	BDL	10	BDL
71-43-2	V Benzene	BDL	10	BDL	10	BDL
10061-02-6	V Trans-1,3-Dichloropropene	BDL	10	BDL	10	BDL
75-25-2	V Bromoform	BDL	10	BDL	10	BDL
108-10-1	V 4-Methyl-2-Pentanone	BDL	10	BDL	10	BDL
591-78-6	V 2-Hexanone	BDL	10	BDL	10	BDL
127-18-4	V Tetrachloroethane	BDL	10	BDL	10	BDL
79-34-5	V 1,1,2,2-Tetrachloroethane	BDL	10	BDL	10	BDL
108-88-3	V Toluene	BDL	10	BDL	10	20
108-90-7	V Chlorobenzene	BDL	10	BDL	10	49
100-41-4	V Ethylbenzene	BDL	10	BDL	10	684
100-42-5	V Styrene	BDL	10	BDL	10	BDL
1330-20-7	V Xylenes (Total)	BDL	10	BDL	10	15100
SEMI-VOLATILES						
108-95-2	A Phenol	BDL	330	BDL	330	BDL
111-44-4	A Bis(2-Chloroethyl)ether	BDL	330	BDL	330	BDL
95-57-8	A 2-Chlorophenol	BDL	330	BDL	330	BDL
541-73-1	A 1,3-Dichlorobenzene	BDL	330	BDL	330	BDL
106-46-7	A 1,4-Dichlorobenzene	BDL	330	BDL	330	BDL
95-50-1	A 1,2-Dichlorobenzene	BDL	330	BDL	330	BDL
95-48-7	A 2-Methylphenol	BDL	330	BDL	330	BDL
108-60-1	A 2,2'-oxybis(1-Chloropropane)	BDL	330	BDL	330	BDL
106-44-5	A 4-Methylphenol	BDL	330	BDL	330	BDL
621-84-7	A N-Nitroso-di-n-propylamine	BDL	330	BDL	330	BDL
67-72-1	A Hexachloroethane	BDL	330	BDL	330	BDL
98-95-3	A Nitrobenzene	BDL	330	BDL	330	BDL
78-59-1	A Isophorone	BDL	330	BDL	330	BDL
88-75-5	A 2-Nitrophenol	BDL	330	BDL	330	BDL
105-87-9	A 2,4-Dimethylphenol	BDL	330	BDL	330	BDL
111-91-1	A Bis(2-Chloroethoxy)methane	BDL	330	BDL	330	BDL
120-83-2	A 2,4-Dichlorophenol	BDL	330	BDL	330	BDL
120-82-1	A 1,2,4-Trichlorobenzene	BDL	330	BDL	330	BDL
91-20-3	A Naphthalene	BDL	330	BDL	330	BDL
106-47-8	A 4-Chloroaniline	BDL	330	BDL	330	BDL
87-68-3	A Hexachlorobutadiene	BDL	330	BDL	330	BDL
59-50-7	A 4-Chloro-3-methylphenol	BDL	330	BDL	330	BDL
91-57-6	A 2-Methylnaphthalene	BDL	330	BDL	330	BDL
77-47-4	A Hexachlorocyclopentadiene	BDL	330	BDL	330	BDL
88-06-2	A 2,4,6-Trichlorophenol	BDL	330	BDL	330	BDL

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B15-4		INDIAN HEAD 42B15-5		INDIAN HEAD 42B16-3C		INDIAN HEAD 42B16-4	
			SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg		
95-95-4	A 2,4,5-Trichlorophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
91-58-7	A 2-Chloronaphthalene		BDL	330	BDL	330	BDL	330	BDL	330
88-74-4	A 2-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
131-11-3	A Dimethylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
208-96-8	A Acenaphthylene		BDL	330	BDL	330	BDL	330	BDL	330
606-20-2	A 2,6-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
99-09-2	A 3-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
83-32-9	A Acenaphthene		BDL	330	BDL	330	BDL	330	BDL	330
51-28-5	B 2,4-Dinitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
100-02-7	B 4-Nitrophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
132-64-9	B Dibenzofuran		BDL	330	BDL	330	BDL	330	BDL	330
121-14-2	B 2,4-Dinitrotoluene		BDL	330	BDL	330	BDL	330	BDL	330
84-66-2	B Diethylphthalate		BDL	330	BDL	330	916		BDL	330
7005-72-3	B 4-Chlorophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
86-73-7	B Fluorene		BDL	330	BDL	330	BDL	330	BDL	330
100-01-6	B 4-Nitroaniline		BDL	1600	BDL	1600	BDL	1600	BDL	1600
534-52-1	B 4,6-Dinitro-2-methylphenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
86-30-6	B N-Nitrosodiphenylamine(1)		BDL	330	BDL	330	BDL	330	BDL	330
101-55-3	B 4-Bromophenyl-phenylether		BDL	330	BDL	330	BDL	330	BDL	330
118-74-1	B Hexachlorobenzene		BDL	330	BDL	330	BDL	330	BDL	330
87-86-5	B Pentachlorophenol		BDL	1600	BDL	1600	BDL	1600	BDL	1600
85-01-8	B Phenanthrene		BDL	330	BDL	330	847		BDL	330
120-12-7	B Anthracene		BDL	330	BDL	330	BDL	330	BDL	330
86-74-8	B Carbazole		BDL	330	BDL	330	BDL	330	BDL	330
84-74-2	B Di-n-butylphthalate	283		379		BDL		330	234	
206-44-0	B Fluoranthene		BDL	330	BDL	330	580		BDL	330
129-00-0	B Pyrene		BDL	330	BDL	330	1390		BDL	330
85-68-7	B Butylbenzylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
91-94-1	B 3,3'-Dichlorobenzidine		BDL	660	BDL	660	BDL	660	BDL	660
56-65-3	B Benzo(a)anthracene		BDL	330	BDL	330	360		BDL	330
218-01-9	B Chrysene		BDL	330	BDL	330	464		BDL	330
117-81-7	B bis(2-Ethylhexyl)phthalate	236		454		476		316		
117-84-0	B Di-n-octylphthalate		BDL	330	BDL	330	BDL	330	BDL	330
205-99-2	B Benzo(b)fluoranthene		BDL	330	BDL	330	394		BDL	330
207-08-9	B Benzo(k)fluoranthene		BDL	330	BDL	330	325		BDL	330
50-32-8	B Benzo(a)pyrene		BDL	330	BDL	330	313		BDL	330
193-39-5	B Indeno(1,2,3-cd)pyrene		BDL	330	BDL	330	302		BDL	330
53-70-3	B Dibenz(a,h)anthracene		BDL	330	BDL	330	BDL	330	BDL	330
191-24-2	B Benzo(g,h,i)perylene		BDL	330	BDL	330	290		BDL	330
PESTICIDES										
319-84-6	P Alpha-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-85-7	P Beta-BHC		BDL	1.7	BDL	1.7	2		BDL	1.7
319-86-8	P Delta-BHC		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
58-89-9	P Gamma-BHC (Lindane)		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
76-44-8	P Heptachlor		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
309-00-2	P Aldrin		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
1024-57-3	P Heptachlor epoxide		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
959-98-8	P Endosulfan I		BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
60-57-1	P Dieldrin		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-55-9	P 4,4'-DDE		BDL	3.3	BDL	3.3	7		BDL	3.3
72-20-8	P Endrin		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
33213-65-9	P Endosulfan II		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-54-8	P 4,4'-DDD		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
1031-07-8	P Endosulfan sulfate	13		16		15		13		
50-29-3	P 4,4'-DDT		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-43-5	P Methoxychlor		BDL	17	BDL	17	BDL	17	BDL	17
53494-70-5	P Endrin ketone		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
7421-36-3	P Endrin aldehyde		BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
5103-71-9	P Alpha-Chlordane		BDL	1.7	BDL	1.7	3		BDL	1.7
5103-74-2	P Gamma-Chlordane		BDL	1.7	BDL	1.7	3		BDL	1.7

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
		SAMPLE	42B15-4	42B15-5	42B15-5	42B16-3C	42B16-4	42B16-4	42B16-4	
		MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		UNITS	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
8001-35-2	P Toxaphene		BDL	170	BDL	170	BDL	170	BDL	170
12674-11-2	P Aroclor-1016		BDL	33	BDL	33	BDL	33	BDL	33
11104-28-2	P Aroclor-1221		BDL	67	BDL	67	BDL	67	BDL	67
11141-18-5	P Aroclor-1232		BDL	33	BDL	33	BDL	33	BDL	33
53469-21-9	P Aroclor-1242		BDL	33	BDL	33	BDL	33	BDL	33
12672-29-6	P Aroclor-1248		BDL	33	BDL	33	BDL	33	BDL	33
11097-69-1	P Aroclor-1254		BDL	33	BDL	33	BDL	33	BDL	33
11096-82-5	P Aroclor-1260		BDL	33	BDL	33	BDL	33	BDL	33
	INORGANICS	UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
7429-90-5	M Aluminum		9900	1140		6840		48000		
7440-36-0	M Antimony		BDL	6	BDL	6	BDL	6	BDL	6
7440-38-2	M Arsenic		BDL	10	BDL	10	BDL	10	BDL	10
7440-39-3	M Barium		24	BDL	20	50		60		
7440-41-7	M Beryllium		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
7440-43-9	M Cadmium		BDL	0.5	BDL	0.5	2	BDL	0.5	0.5
7440-70-2	M Calcium		BDL	500	BDL	500	1860	BDL	500	500
7440-47-3	M Chromium		12		6		13		6	
7440-48-4	M Cobalt		103	BDL	5	7		7		
7440-50-8	M Copper		17	BDL	2.5	16		BDL	2.5	2.5
7439-89-6	M Iron		30600		8830		18600		14000	
7439-92-1	M Lead		8	BDL	3	57		8		
7439-95-4	M Magnesium		2360	BDL	500	1010	BDL	500	BDL	500
7439-96-5	M Manganese		648		32	111		108		
7439-97-6	M Mercury		BDL	0.1	BDL	0.1	0	BDL	0.1	0.1
7440-02-0	M Nickel		32		5	15		7		
7440-09-7	M Potassium		BDL	500	BDL	500	BDL	500	BDL	500
7782-49-2	M Selenium		BDL	5	BDL	5	BDL	5	BDL	5
7440-22-4	M Silver		BDL	1	BDL	1	1	BDL	1	1
7440-23-5	M Sodium		672		88		220		117	
7440-28-0	M Thallium		BDL	3	BDL	3	BDL	3	BDL	3
7440-82-2	M Vanadium		13	BDL	5	24		16		
7440-66-6	M Zinc		64		6	97		19		
	M Cyanide		BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE	INDIAN HEAD
		SAMPLE MATRIX UNITS	42B16-5 SOIL ug/kg
VOLATILES			
74-87-3	V Chloromethane	BDL	10
74-83-9	V Bromomethane	BDL	10
75-01-4	V Vinyl Chloride	BDL	10
75-00-3	V Chloroethane	BDL	10
75-09-2	V Methylene Chloride	BDL	10
67-64-1	V Acetone	BDL	10
75-15-0	V Carbon Disulfide	BDL	10
75-35-4	V 1,1-Dichloroethane	BDL	10
75-34-3	V 1,1-Dichloroethane	BDL	10
540-59-0	V 1,2-Dichloroethane(total)	BDL	10
67-86-3	V Chloroform	BDL	10
107-06-2	V 1,2-Dichloroethane	BDL	10
78-93-3	V 2-Butanone	BDL	10
71-55-6	V 1,1,1-Trichloroethane	BDL	10
56-23-5	V Carbon Tetrachloride	BDL	10
75-27-4	V Bromodichloromethane	BDL	10
78-87-5	V 1,2-Dichloropropane	BDL	10
10061-01-5	V cis-1,3-Dichloropropene	BDL	10
79-01-6	V Trichloroethene	BDL	10
124-48-1	V Dibromochloromethane	BDL	10
79-00-5	V 1,1,2-Trichloroethane	BDL	10
71-43-2	V Benzene	BDL	10
10061-02-6	V Trans-1,3-Dichloropropene	BDL	10
75-25-2	V Bromoform	BDL	10
108-10-1	V 4-Methyl-2-Pentanone	BDL	10
591-78-6	V 2-Hexanone	BDL	10
127-18-4	V Tetrachloroethene	BDL	10
79-34-5	V 1,1,2,2-Tetrachloroethane	BDL	10
108-88-3	V Toluene	BDL	10
108-90-7	V Chlorobenzene	BDL	10
100-41-4	V Ethylbenzene	BDL	10
100-42-5	V Styrene	BDL	10
1330-20-7	V Xylenes (Total)	BDL	10
SEMI-VOLATILES			
108-95-2	A Phenol	BDL	330
111-44-4	A Bis(2-Chloroethyl)ether	BDL	330
95-57-8	A 2-Chlorophenol	BDL	330
541-73-1	A 1,3-Dichlorobenzene	BDL	330
106-48-7	A 1,4-Dichlorobenzene	BDL	330
95-50-1	A 1,2-Dichlorobenzene	BDL	330
95-48-7	A 2-Methylphenol	BDL	330
108-60-1	A 2,2'-oxybis(1-Chloropropane)	BDL	330
108-44-5	A 4-Methylphenol	BDL	330
621-64-7	A N-Nitroso-di-n-propylamine	BDL	330
67-72-1	A Hexachloroethane	BDL	330
98-95-3	A Nitrobenzene	BDL	330
78-59-1	A Isophorone	BDL	330
88-75-5	A 2-Nitrophenol	BDL	330
105-67-9	A 2,4-Dimethylphenol	BDL	330
111-91-1	A Bis(2-Chloroethoxy)methane	BDL	330
120-83-2	A 2,4-Dichlorophenol	BDL	330
120-82-1	A 1,2,4-Trichlorobenzene	BDL	330
91-20-3	A Naphthalene	BDL	330
106-47-8	A 4-Chloroaniline	BDL	330
87-68-3	A Hexachlorobutadiene	BDL	330
59-50-7	A 4-Chloro-3-methylphenol	BDL	330
91-57-6	A 2-Methylnaphthalene	BDL	330
77-47-4	A Hexachlorocyclopentadiene	BDL	330
88-06-2	A 2,4,6-Trichlorophenol	BDL	330

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD	
			42B16-5 SOIL	ug/kg
95-95-4	A	2,4,5-Trichlorophenol	BDL	1600
91-58-7	A	2-Chloronaphthalene	BDL	330
88-74-4	A	2-Nitroaniline	BDL	1600
131-11-3	A	Dimethylphthalate	BDL	330
208-06-8	A	Acenaphthylene	BDL	330
606-20-2	A	2,6-Dinitrotoluene	BDL	330
99-09-2	A	3-Nitroaniline	BDL	1600
83-32-9	A	Acenaphthene	BDL	330
51-28-5	B	2,4-Dinitrophenol	BDL	1600
100-02-7	B	4-Nitrophenol	BDL	1600
132-64-9	B	Dibenzofuran	BDL	330
121-14-2	B	2,4-Dinitrotoluene	BDL	330
84-66-2	B	Diethylphthalate	BDL	330
7005-72-3	B	4-Chlorophenyl-phenylether	BDL	330
86-73-7	B	Fluorene	BDL	330
100-01-6	B	4-Nitroaniline	BDL	1600
534-52-1	B	4,6-Dinitro-2-methylphenol	BDL	1600
86-30-6	B	N-Nitrosodiphenylamine(1)	BDL	330
101-55-3	B	4-Bromophenyl-phenylether	BDL	330
118-74-1	B	Hexachlorobenzene	BDL	330
87-86-5	B	Pentachlorophenol	BDL	1600
85-01-8	B	Phenanthrene	BDL	330
120-12-7	B	Anthracene	BDL	330
86-74-8	B	Carbazole	BDL	330
84-74-2	B	Di-n-butylphthalate	222	
206-44-0	B	Fluoranthene	BDL	330
129-00-0	B	Pyrene	BDL	330
85-68-7	B	Butylbenzylphthalate	BDL	330
91-94-1	B	3,3'-Dichlorobenzidine	BDL	660
56-55-3	B	Benzo(a)anthracene	BDL	330
218-01-9	B	Chrysene	BDL	330
117-81-7	B	bis(2-Ethylhexyl)phthalate	BDL	330
117-84-0	B	Di-n-octylphthalate	BDL	330
205-99-2	B	Benzo(b)fluoranthene	BDL	330
207-08-9	B	Benzo(k)fluoranthene	BDL	330
50-32-8	B	Benzo(a)pyrene	BDL	330
193-39-5	B	Indeno(1,2,3-cd)pyrene	BDL	330
53-70-3	B	Dibenz(a,h)anthracene	BDL	330
191-24-2	B	Benzo(g,h,i)perylene	BDL	330
PESTICIDES				
319-84-6	P	Alpha-BHC	BDL	1.7
319-85-7	P	Beta-BHC	BDL	1.7
319-86-8	P	Delta-BHC	BDL	1.7
58-89-9	P	Gamma-BHC (Lindane)	BDL	1.7
76-44-8	P	Heptachlor	BDL	1.7
309-00-2	P	Aldrin	BDL	1.7
1024-57-3	P	Heptachlor epoxide	BDL	1.7
959-98-8	P	Endosulfan I	BDL	1.7
60-57-1	P	Dieldrin	BDL	3.3
72-55-9	P	4,4'-DDE	BDL	3.3
72-20-8	P	Endrin	BDL	3.3
33213-65-9	P	Endosulfan II	BDL	3.3
72-54-8	P	4,4'-DDD	BDL	3.3
1031-07-8	P	Endosulfan sulfate	10	
50-29-3	P	4,4'-DDT	BDL	3.3
72-43-5	P	Methoxychlor	BDL	17
53494-70-5	P	Endrin ketone	BDL	3.3
7421-36-3	P	Endrin aldehyde	BDL	3.3
5103-71-9	P	Alpha-Chlordane	BDL	1.7
5103-74-2	P	Gamma-Chlordane	BDL	1.7

Phase I Site Inspection, NOS Indian Head, MD Soil Boring Samples

CAS. NO.	CL	SITE	INDIAN HEAD	
		SAMPLE MATRIX UNITS	42B16-5 SOIL	ug/kg
8001-35-2	P Toxaphene		BDL	170
12874-11-2	P Aroclor-1016		BDL	33
11104-28-2	P Aroclor-1221		BDL	67
11141-16-5	P Aroclor-1232		BDL	33
53469-21-9	P Aroclor-1242		BDL	33
12872-29-6	P Aroclor-1248		BDL	33
11097-69-1	P Aroclor-1254		BDL	33
11096-82-5	P Aroclor-1260		BDL	33
INORGANICS		UNITS	mg/kg	
7429-90-8	M Aluminum		5620	
7440-36-0	M Antimony		BDL	6
7440-38-2	M Arsenic		BDL	10
7440-39-3	M Barium		54	
7440-41-7	M Beryllium		1	
7440-43-9	M Cadmium		BDL	0.5
7440-70-2	M Calcium		BDL	500
7440-47-3	M Chromium		16	
7440-48-4	M Cobalt		7	
7440-50-8	M Copper		BDL	2.5
7439-86-6	M Iron		26900	
7439-92-1	M Lead		10	
7439-95-4	M Magnesium		BDL	500
7439-96-5	M Manganese		81	
7439-97-6	M Mercury		BDL	0.1
7440-02-0	M Nickel		8	
7440-09-7	M Potassium		BDL	500
7782-49-2	M Selenium		BDL	5
7440-22-4	M Silver		BDL	1
7440-23-5	M Sodium		152	
7440-28-0	M Thallium		BDL	3
7440-82-2	M Vanadium		51	
7440-66-6	M Zinc		15	
	M Cyanide		BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Sediment Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
			42SS-1 SOIL ug/kg	42SS-2 SOIL ug/kg	42SS-3 SOIL ug/kg	42SS-4 SOIL ug/kg	42SS-5 SOIL ug/kg	42SS-6 SOIL ug/kg		
VOLATILES										
74-87-3	V	Chloromethane	BDL	10	BDL	10	BDL	10	BDL	10
74-83-9	V	Bromomethane	BDL	10	BDL	10	BDL	10	BDL	10
75-01-4	V	Vinyl Chloride	BDL	10	BDL	10	BDL	10	BDL	10
75-00-3	V	Chloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-09-2	V	Methylene Chloride	BDL	10	9	10	22	10	8	10
67-64-1	V	Acetone	BDL	10	BDL	10	148	BDL	10	10
75-15-0	V	Carbon Disulfide	BDL	10	BDL	10	BDL	10	BDL	10
75-35-4	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-34-3	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
540-59-0	V	1,2-Dichloroethane (total)	BDL	10	BDL	10	BDL	10	BDL	10
67-66-3	V	Chloroform	BDL	10	BDL	10	BDL	10	BDL	10
107-06-2	V	1,2-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
78-93-3	V	2-Butanone	BDL	10	BDL	10	BDL	10	BDL	10
71-55-6	V	1,1,1-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
56-23-5	V	Carbon Tetrachloride	BDL	10	BDL	10	BDL	10	BDL	10
75-27-4	V	Bromodichloromethane	BDL	10	BDL	10	BDL	10	BDL	10
78-87-5	V	1,2-Dichloropropane	BDL	10	BDL	10	BDL	10	BDL	10
10061-01-5	V	cis-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
79-01-6	V	Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
124-48-1	V	Dibromochloromethane	BDL	10	BDL	10	BDL	10	BDL	10
79-00-5	V	1,1,2-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
71-43-2	V	Benzene	BDL	10	BDL	10	BDL	10	BDL	10
10061-02-6	V	Trans-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
75-25-2	V	Bromoform	BDL	10	BDL	10	BDL	10	BDL	10
108-10-1	V	4-Methyl-2-Pentanone	BDL	10	BDL	10	BDL	10	BDL	10
591-78-6	V	2-Hexanone	BDL	10	BDL	10	BDL	10	BDL	10
127-18-4	V	Tetrachloroethene	BDL	10	BDL	10	BDL	10	BDL	10
79-34-5	V	1,1,2,2-Tetrachloroethane	BDL	10	BDL	10	BDL	10	BDL	10
108-88-3	V	Toluene	81	BDL	10	BDL	10	BDL	10	10
108-90-7	V	Chlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-41-4	V	Ethylbenzene	12	BDL	10	BDL	10	BDL	10	10
100-42-5	V	Styrene	BDL	10	BDL	10	BDL	10	BDL	10
1330-20-7	V	Xylenes (Total)	BDL	10	BDL	10	BDL	10	BDL	10
SEMI-VOLATILES										
108-95-2	A	Phenol	BDL	330	BDL	330	BDL	330	BDL	330
111-44-4	A	Bis(2-Chloroethyl)ether	BDL	330	BDL	330	BDL	330	BDL	330
95-57-8	A	2-Chlorophenol	BDL	330	BDL	330	BDL	330	BDL	330
541-73-1	A	1,3-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
106-48-7	A	1,4-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
95-50-1	A	1,2-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
95-48-7	A	2-Methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
108-80-1	A	2,2'-oxybis(1-Chloropropane)	BDL	330	BDL	330	BDL	330	BDL	330
106-44-5	A	4-Methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
621-64-7	A	N-Nitroso-di-n-propylamine	BDL	330	BDL	330	BDL	330	BDL	330
67-72-1	A	Hexachloroethane	BDL	330	BDL	330	BDL	330	BDL	330
98-95-3	A	Nitrobenzene	BDL	330	BDL	330	BDL	330	BDL	330
78-59-1	A	Isophorone	BDL	330	BDL	330	BDL	330	BDL	330
88-75-5	A	2-Nitrophenol	BDL	330	BDL	330	BDL	330	BDL	330
105-67-9	A	2,4-Dimethylphenol	BDL	330	BDL	330	BDL	330	BDL	330
111-91-1	A	Bis(2-Chloroethoxy)methane	BDL	330	BDL	330	BDL	330	BDL	330
120-83-2	A	2,4-Dichlorophenol	BDL	330	BDL	330	BDL	330	BDL	330
120-82-1	A	1,2,4-Trichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
91-20-3	A	Naphthalene	BDL	330	BDL	330	BDL	330	BDL	330
106-47-6	A	4-Chloroaniline	BDL	330	BDL	330	BDL	330	BDL	330
87-68-3	A	Hexachlorobutadiene	BDL	330	BDL	330	BDL	330	BDL	330
59-50-7	A	4-Chloro-3-methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
91-57-6	A	2-Methylnaphthalene	BDL	330	BDL	330	BDL	330	BDL	330
77-47-4	A	Hexachlorocyclopentadiene	BDL	330	BDL	330	BDL	330	BDL	330
88-06-2	A	2,4,6-Trichlorophenol	BDL	330	BDL	330	BDL	330	BDL	330

Phase I Site Inspection, NOS Indian Head, MD Sediment Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
			42SS-1 SOIL ug/kg	1600	42SS-2 SOIL ug/kg	1600	42SS-3 SOIL ug/kg	1800	42SS-4 SOIL ug/kg	1600
95-95-4	A	2,4,5-Trichlorophenol	BDL	1600	BDL	1600	BDL	1800	BDL	1600
91-58-7	A	2-Chloronaphthalene	BDL	330	BDL	330	BDL	330	BDL	330
88-74-4	A	2-Nitroaniline	BDL	1600	BDL	1600	BDL	1600	BDL	1600
131-11-3	A	Dimethylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
208-96-8	A	Acenaphthylene	BDL	330	BDL	330	BDL	330	BDL	330
606-20-2	A	2,6-Dinitrotoluene	BDL	330	BDL	330	BDL	330	BDL	330
99-09-2	A	3-Nitroaniline	BDL	1600	BDL	1600	BDL	1600	BDL	1600
83-32-9	A	Acenaphthene	BDL	330	BDL	330	BDL	330	BDL	330
51-28-5	B	2,4-Dinitrophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
100-02-7	B	4-Nitrophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
132-64-9	B	Dibenzofuran	BDL	330	BDL	330	BDL	330	BDL	330
121-14-2	B	2,4-Dinitrotoluene	BDL	330	BDL	330	BDL	330	BDL	330
64-66-2	B	Diethylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
7005-72-3	B	4-Chlorophenyl-phenylether	BDL	330	BDL	330	BDL	330	BDL	330
86-73-7	B	Fluorene	BDL	330	BDL	330	BDL	330	BDL	330
100-01-6	B	4-Nitroaniline	BDL	1600	BDL	1600	BDL	1600	BDL	1600
534-52-1	B	4,6-Dinitro-2-methylphenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
86-30-6	B	N-Nitrosodiphenylamine(1)	BDL	330	BDL	330	BDL	330	BDL	330
101-55-3	B	4-Bromophenyl-phenylether	BDL	330	BDL	330	BDL	330	BDL	330
118-74-1	B	Hexachlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
87-86-5	B	Pentachlorophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
85-01-8	B	Phenanthrene	BDL	330	BDL	330	BDL	330	BDL	330
120-12-7	B	Anthracene	BDL	330	BDL	330	BDL	330	BDL	330
86-74-8	B	Carbazole	BDL	330	BDL	330	BDL	330	BDL	330
84-74-2	B	Di-n-butylphthalate		606		572	BDL	330		243
206-44-0	B	Fluoranthene	BDL	330	BDL	330	BDL	330	BDL	330
129-00-0	B	Pyrene	BDL	330	BDL	330	BDL	330	BDL	330
85-68-7	B	Butylbenzylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
91-94-1	B	3,3'-Dichlorobenzidine	BDL	660	BDL	660	BDL	660	BDL	660
56-55-3	B	Benzo(a)anthracene	BDL	330	BDL	330	BDL	330	BDL	330
218-01-9	B	Chrysene	BDL	330	BDL	330	BDL	330	BDL	330
117-81-7	B	bis(2-Ethylhexyl)phthalate	BDL	330	BDL	330	BDL	330	BDL	330
117-84-0	B	Di-n-octylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
205-99-2	B	Benzo(b)fluoranthene	BDL	330	BDL	330	BDL	330	BDL	330
207-08-9	B	Benzo(k)fluoranthene	BDL	330	BDL	330	BDL	330	BDL	330
50-32-8	B	Benzo(a)pyrene	BDL	330	BDL	330	BDL	330	BDL	330
193-39-5	B	Indeno(1,2,3-cd)pyrene	BDL	330	BDL	330	BDL	330	BDL	330
53-70-3	B	Dibenz(a,h)anthracene	BDL	330	BDL	330	BDL	330	BDL	330
191-24-2	B	Benzo(g,h,i)perylene	BDL	330	BDL	330	BDL	330	BDL	330
PESTICIDES										
319-84-6	P	Alpha-BHC	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-85-7	P	Beta-BHC		3	BDL	1.7	BDL	1.7	BDL	1.7
319-86-8	P	Delta-BHC	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
58-89-9	P	Gamma-BHC (Lindane)	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
76-44-8	P	Heptachlor	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
309-00-2	P	Aldrin	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
1024-57-3	P	Heptachlor epoxide	BDL	1.7	BDL	1.7	BDL	1.7		4
959-98-8	P	Endosulfan I	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
60-57-1	P	Dieldrin	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-55-9	P	4,4'-DDE	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-20-8	P	Endrin		6	BDL	3.3	BDL	3.3	BDL	3.3
33213-65-9	P	Endosulfan II	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-54-8	P	4,4'-DDD	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
1031-07-8	P	Endosulfan sulfate		42	BDL	3.3		18		40
50-29-3	P	4,4'-DDT		40	BDL	3.3	BDL	3.3		24
72-43-5	P	Methoxychlor	BDL	17	BDL	17	BDL	17	BDL	17
53484-70-5	P	Endrin ketone	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
7421-36-3	P	Endrin aldehyde	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
5103-71-9	P	Alpha-Chlordane	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
5103-74-2	P	Gamma-Chlordane	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7

Phase I Site Inspection, NOS Indian Head, MD Sediment Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42SS-1		INDIAN HEAD 42SS-2		INDIAN HEAD 42SS-3		INDIAN HEAD 42SS-4	
			SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg		
8001-35-2	P	Toxaphene	BDL	170	BDL	170	BDL	170	BDL	170
12674-11-2	P	Aroclor-1016	BDL	33	BDL	33	BDL	33	BDL	33
11104-28-2	P	Aroclor-1221	BDL	67	BDL	67	BDL	67	BDL	67
11141-16-5	P	Aroclor-1232	BDL	33	BDL	33	BDL	33	BDL	33
53469-21-9	P	Aroclor-1242	BDL	33	BDL	33	BDL	33	BDL	33
12672-29-8	P	Aroclor-1248	BDL	33	BDL	33	BDL	33	BDL	33
11097-69-1	P	Aroclor-1254	BDL	33	BDL	33	BDL	33	BDL	33
11096-82-5	P	Aroclor-1260	BDL	33	BDL	33	BDL	33	BDL	33
INORGANICS			mg/kg		mg/kg		mg/kg		mg/kg	
7429-90-5	M	Aluminum		3570		8060		13600		5130
7440-36-0	M	Antimony	BDL	6	BDL	6	BDL	12	BDL	6
7440-38-2	M	Arsenic	BDL	10	BDL	10	BDL	10	BDL	10
7440-39-3	M	Barium	BDL	20		62		96		47
7440-41-7	M	Beryllium	BDL	0.5	BDL	0.5	BDL	1	BDL	0.5
7440-43-9	M	Cadmium	BDL	0.5		1		1	BDL	0.5
7440-70-2	M	Calcium	BDL	500		1470		2220		1750
7440-47-3	M	Chromium		8		7		10		7
7440-48-4	M	Cobalt	BDL	5		7		21	BDL	5
7440-50-8	M	Copper		70		41		44		23
7439-89-6	M	Iron		6060		14100		23700		10400
7439-92-1	M	Lead		8		19		23		17
7439-95-4	M	Magnesium	BDL	500		751		BDL	1000	769
7439-96-5	M	Manganese		68		396		592		243
7439-97-6	M	Mercury	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
7440-02-0	M	Nickel	BDL	4		9		13		11
7440-09-7	M	Potassium	BDL	500	BDL	500	BDL	1000	BDL	500
7782-49-2	M	Selenium	BDL	5	BDL	5	BDL	5	BDL	5
7440-22-4	M	Silver		202		151		177		27
7440-23-5	M	Sodium	BDL	500	BDL	500	BDL	1000	BDL	500
7440-28-0	M	Thallium	BDL	1	BDL	1	BDL	1	BDL	1
7440-62-2	M	Vanadium		8		18		24		15
7440-66-6	M	Zinc		78		144		207		107
	M	Cyanide	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Sediment Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD			
			42SS-5 SOIL ug/kg	42SS-6 SOIL ug/kg		
VOLATILES						
74-87-3	V	Chloromethane	BDL	10	BDL	10
74-83-9	V	Bromomethane	BDL	10	BDL	10
75-01-4	V	Vinyl Chloride	BDL	10	BDL	10
75-00-3	V	Chloroethane	BDL	10	BDL	10
75-09-2	V	Methylene Chloride	BDL	10	BDL	10
67-64-1	V	Acetone	BDL	10	194	
75-15-0	V	Carbon Disulfide	BDL	10	BDL	10
75-35-4	V	1,1-Dichloroethene	BDL	10	BDL	10
75-34-3	V	1,1-Dichloroethane	BDL	10	BDL	10
540-59-0	V	1,2-Dichloroethene(total)	BDL	10	BDL	10
67-66-3	V	Chloroform	BDL	10	BDL	10
107-06-2	V	1,2-Dichloroethane	BDL	10	BDL	10
78-93-3	V	2-Butanone	BDL	10	BDL	10
71-55-6	V	1,1,1-Trichloroethane	BDL	10	BDL	10
58-23-5	V	Carbon Tetrachloride	BDL	10	BDL	10
75-27-4	V	Bromodichloromethane	BDL	10	BDL	10
78-87-5	V	1,2-Dichloropropane	BDL	10	BDL	10
10061-01-5	V	cis-1,3-Dichloropropene	BDL	10	BDL	10
79-01-6	V	Trichloroethene	BDL	10	BDL	10
124-48-1	V	Dibromochloromethane	BDL	10	BDL	10
79-00-5	V	1,1,2-Trichloroethane	BDL	10	BDL	10
71-43-2	V	Benzene	BDL	10	BDL	10
10061-02-6	V	Trans-1,3-Dichloropropene	BDL	10	BDL	10
75-25-2	V	Bromoform	BDL	10	BDL	10
108-10-1	V	4-Methyl-2-Pentanone	BDL	10	BDL	10
591-78-6	V	2-Hexanone	BDL	10	BDL	10
127-18-4	V	Tetrachloroethene	BDL	10	BDL	10
79-34-5	V	1,1,2,2-Tetrachloroethane	BDL	10	BDL	10
108-88-3	V	Toluene	BDL	10	BDL	10
108-90-7	V	Chlorobenzene	BDL	10	BDL	10
100-41-4	V	Ethylbenzene	BDL	10	BDL	10
100-42-5	V	Styrene	BDL	10	BDL	10
1330-20-7	V	Xylenes (Total)	BDL	10	BDL	10
SEMI-VOLATILES						
108-95-2	A	Phenol	BDL	330	BDL	330
111-44-4	A	Bis(2-Chloroethyl)ether	BDL	330	BDL	330
95-57-8	A	2-Chlorophenol	BDL	330	BDL	330
541-73-1	A	1,3-Dichlorobenzene	BDL	330	BDL	330
106-46-7	A	1,4-Dichlorobenzene	BDL	330	BDL	330
95-50-1	A	1,2-Dichlorobenzene	BDL	330	BDL	330
95-48-7	A	2-Methylphenol	BDL	330	BDL	330
108-60-1	A	2,2'-oxybis(1-Chloropropane)	BDL	330	BDL	330
106-44-5	A	4-Methylphenol	BDL	330	BDL	330
621-84-7	A	N-Nitroso-di-n-propylamine	BDL	330	BDL	330
67-72-1	A	Hexachloroethane	BDL	330	BDL	330
98-95-3	A	Nitrobenzene	BDL	330	BDL	330
78-59-1	A	Isophorone	BDL	330	BDL	330
88-75-5	A	2-Nitrophenol	BDL	330	BDL	330
105-67-9	A	2,4-Dimethylphenol	BDL	330	BDL	330
111-91-1	A	Bis(2-Chloroethoxy)methane	BDL	330	BDL	330
120-83-2	A	2,4-Dichlorophenol	BDL	330	BDL	330
120-82-1	A	1,2,4-Trichlorobenzene	BDL	330	BDL	330
91-20-3	A	Naphthalene	BDL	330	BDL	330
106-47-8	A	4-Chloroaniline	BDL	330	BDL	330
87-68-3	A	Hexachlorobutadiene	BDL	330	BDL	330
59-50-7	A	4-Chloro-3-methylphenol	BDL	330	BDL	330
91-57-6	A	2-Methylnaphthalene	BDL	330	BDL	330
77-47-4	A	Hexachlorocyclopentadiene	BDL	330	BDL	330
88-06-2	A	2,4,6-Trichlorophenol	BDL	330	BDL	330

Phase I Site Inspection, NOS Indian Head, MD Sediment Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD			
			42SS-5 SOIL ug/kg	42SS-6 SOIL ug/kg		
95-95-4	A	2,4,5-Trichlorophenol	BDL	1600	BDL	1600
91-58-7	A	2-Chloronaphthalene	BDL	330	BDL	330
88-74-4	A	2-Nitroaniline	BDL	1600	BDL	1600
131-11-3	A	Dimethylphthalate	BDL	330	BDL	330
208-96-8	A	Acenaphthylene	BDL	330	BDL	330
806-20-2	A	2,6-Dinitrotoluene	BDL	330	BDL	330
99-09-2	A	3-Nitroaniline	BDL	1600	BDL	1600
83-32-9	A	Acenaphthene	BDL	330	BDL	330
51-28-5	B	2,4-Dinitrophenol	BDL	1600	BDL	1600
100-02-7	B	4-Nitrophenol	BDL	1600	BDL	1600
132-64-9	B	Dibenzofuran	BDL	330	BDL	330
121-14-2	B	2,4-Dinitrotoluene	BDL	330	BDL	330
84-66-2	B	Diethylphthalate	BDL	330	BDL	330
7005-72-3	B	4-Chlorophenyl-phenylether	BDL	330	BDL	330
86-73-7	B	Fluorene	BDL	330	BDL	330
100-01-6	B	4-Nitroaniline	BDL	1600	BDL	1600
534-52-1	B	4,6-Dinitro-2-methylphenol	BDL	1600	BDL	1600
86-30-6	B	N-Nitrosodiphenylamine(1)	BDL	330	BDL	330
101-55-3	B	4-Bromophenyl-phenylether	BDL	330	BDL	330
118-74-1	B	Hexachlorobenzene	BDL	330	BDL	330
87-86-5	B	Pentachlorophenol	BDL	1600	BDL	1600
85-01-8	B	Phenanthrene	BDL	330	BDL	330
120-12-7	B	Anthracene	BDL	330	BDL	330
86-74-8	B	Carbazole	BDL	330	BDL	330
84-74-2	B	Di-n-butylphthalate		250	BDL	330
206-44-0	B	Fluoranthene	BDL	330	BDL	330
129-00-0	B	Pyrene	BDL	330	BDL	330
85-68-7	B	Butylbenzylphthalate	BDL	330	BDL	330
91-84-1	B	3,3'-Dichlorobenzidine	BDL	660	BDL	660
56-55-3	B	Benzo(a)anthracene	BDL	330	BDL	330
218-01-9	B	Chrysene	BDL	330	BDL	330
117-81-7	B	bis(2-Ethylhexy)phthalate	BDL	330	BDL	330
117-84-0	B	Di-n-octylphthalate	BDL	330	BDL	330
205-99-2	B	Benzo(b)fluoranthene	BDL	330	BDL	330
207-08-9	B	Benzo(k)fluoranthene	BDL	330	BDL	330
50-32-8	B	Benzo(a)pyrene	BDL	330	BDL	330
193-39-5	B	Indeno(1,2,3-cd)pyrene	BDL	330	BDL	330
53-70-3	B	Dibenz(a,h)anthracene	BDL	330	BDL	330
191-24-2	B	Benzo(g,h,i)perylene	BDL	330	BDL	330
PESTICIDES						
319-84-8	P	Alpha-BHC	BDL	1.7	BDL	1.7
319-85-7	P	Beta-BHC	BDL	1.7	BDL	1.7
319-86-8	P	Delta-BHC	BDL	1.7	BDL	1.7
58-89-9	P	Gamma-BHC (Lindane)	BDL	1.7	BDL	1.7
76-44-8	P	Heptachlor	BDL	1.7	BDL	1.7
309-00-2	P	Aldrin	BDL	1.7	BDL	1.7
1024-57-3	P	Heptachlor epoxide	BDL	1.7	BDL	1.7
959-98-8	P	Endosulfan I	BDL	1.7		5
60-57-1	P	Dieldrin	BDL	3.3	BDL	3.3
72-55-9	P	4,4'-DDE	BDL	3.3	BDL	3.3
72-20-8	P	Endrin	BDL	3.3	BDL	3.3
33213-65-9	P	Endosulfan II	BDL	3.3	BDL	3.3
72-54-8	P	4,4'-DDD	BDL	3.3	BDL	3.3
1031-07-8	P	Endosulfan sulfate	BDL	3.3	BDL	3.3
50-29-3	P	4,4'-DDT	BDL	3.3	BDL	3.3
72-43-5	P	Methoxychlor	BDL	17	BDL	17
53494-70-5	P	Endrin ketone	BDL	3.3	BDL	3.3
7421-36-3	P	Endrin aldehyde	BDL	3.3	BDL	3.3
5103-71-9	P	Alpha-Chlordane	BDL	1.7	BDL	1.7
5103-74-2	P	Gamma-Chlordane	BDL	1.7	BDL	1.7

Phase I Site Inspection, NOS Indian Head, MD Sediment Samples

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD		INDIAN HEAD	
			42SS-5 SOIL ug/kg		42SS-6 SOIL ug/kg	
8001-35-2	P	Toxaphene	BDL	170	BDL	170
12674-11-2	P	Aroclor-1016	BDL	33	BDL	33
11104-28-2	P	Aroclor-1221	BDL	67	BDL	67
11141-16-5	P	Aroclor-1232	BDL	33	BDL	33
53469-21-9	P	Aroclor-1242	BDL	33	BDL	33
12672-29-6	P	Aroclor-1248	BDL	33	BDL	33
11097-69-1	P	Aroclor-1254	BDL	33	BDL	33
11096-82-5	P	Aroclor-1280	BDL	33	BDL	33
INORGANICS			mg/kg		mg/kg	
7429-90-5	M	Aluminum		8630		7240
7440-36-0	M	Antimony	BDL	12	BDL	6
7440-38-2	M	Arsenic	BDL	10	BDL	10
7440-39-3	M	Barium		55		90
7440-41-7	M	Beryllium	BDL	1	BDL	0.5
7440-43-8	M	Cadmium	BDL	1		4
7440-70-2	M	Calcium		2880		2120
7440-47-3	M	Chromium		16		9
7440-48-4	M	Cobalt	BDL	1	BDL	5
7440-50-8	M	Copper		13		28
7439-89-6	M	Iron		10900		2120
7439-92-1	M	Lead		59		17
7439-95-4	M	Magnesium	BDL	1000		918
7439-96-5	M	Manganese		270		166
7439-97-6	M	Mercury		0	BDL	0.1
7440-02-0	M	Nickel		10		18
7440-09-7	M	Potassium	BDL	1000		901
7782-49-2	M	Selenium	BDL	5	BDL	5
7440-22-4	M	Silver		10		99
7440-23-5	M	Sodium	BDL	1000	BDL	500
7440-28-0	M	Thallium	BDL	1	BDL	1
7440-82-2	M	Vanadium		23		21
7440-66-6	M	Zinc		104		171
	M	Cyanide	BDL	0.5	BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD	INDIAN HEAD	INDIAN HEAD	INDIAN HEAD
			42RB1010 WATER ug/l	42RB-14 WATER ug/l	42SS-4D SOIL ug/kg	42B7-3D SOIL ug/kg
VOLATILE						
74-87-3	V	Chloromethane	BDL	10 BDL	10 BDL	10 BDL
74-83-9	V	Bromomethane	BDL	10 BDL	10 BDL	10 BDL
75-01-4	V	Vinyl Chloride	BDL	10 BDL	10 BDL	10 BDL
75-00-3	V	Chloroethane	BDL	10 BDL	10 BDL	10 BDL
75-09-2	V	Methylene Chloride	BDL	10 BDL	10 BDL	10 BDL
67-64-1	V	Acetone	BDL	10 BDL	10 BDL	10 BDL
75-15-0	V	Carbon Disulfide	BDL	10 BDL	10 BDL	10 BDL
75-35-4	V	1,1-Dichloroethene	BDL	10 BDL	10 BDL	10 BDL
75-34-3	V	1,1-Dichloroethane	BDL	10 BDL	10 BDL	10 BDL
540-59-0	V	1,2-Dichloroethene (total)	BDL	10 BDL	10 BDL	10 BDL
67-66-3	V	Chloroform	BDL	10 BDL	10 BDL	10 BDL
107-06-2	V	1,2-Dichloroethane	BDL	10 BDL	10 BDL	10 BDL
78-93-3	V	2-Butanone	BDL	10 BDL	10 BDL	10 BDL
71-55-6	V	1,1,1-Trichloroethane	BDL	10 BDL	10 BDL	10 BDL
56-23-5	V	Carbon Tetrachloride	BDL	10 BDL	10 BDL	10 BDL
75-27-4	V	Bromodichloromethane	BDL	10 BDL	10 BDL	10 BDL
78-87-5	V	1,2-Dichloropropane	BDL	10 BDL	10 BDL	10 BDL
10061-01-5	V	cis-1,3-Dichloropropene	BDL	10 BDL	10 BDL	10 BDL
79-01-6	V	Trichloroethene	BDL	10 BDL	10 BDL	10 BDL
124-48-1	V	Dibromochloromethane	BDL	10 BDL	10 BDL	10 BDL
79-00-5	V	1,1,2-Trichloroethane	BDL	10 BDL	10 BDL	10 BDL
71-43-2	V	Benzene	BDL	10 BDL	10 BDL	10 BDL
10061-02-6	V	Trans-1,3-Dichloropropene	BDL	10 BDL	10 BDL	10 BDL
75-25-2	V	Bromoform	BDL	10 BDL	10 BDL	10 BDL
108-10-1	V	4-Methyl-2-Pentanone	BDL	10 BDL	10 BDL	10 BDL
591-78-6	V	2-Hexanone	BDL	10 BDL	10 BDL	10 BDL
127-18-4	V	Tetrachloroethene	BDL	10 BDL	10 BDL	10 BDL
79-34-5	V	1,1,2,2-Tetrachloroethane	BDL	10 BDL	10 BDL	10 BDL
108-88-3	V	Toluene	BDL	10 BDL	10 BDL	10 BDL
108-90-7	V	Chlorobenzene	BDL	10 BDL	10 BDL	10 BDL
100-41-4	V	Ethylbenzene	BDL	10 BDL	10 BDL	10 BDL
100-42-5	V	Styrene	BDL	10 BDL	10 BDL	10 BDL
1330-20-7	V	Xylenes (Total)	BDL	10 BDL	10 BDL	10 BDL
SEMI-VOLATILE						
108-95-2	A	Phenol	BDL	10 BDL	10 BDL	330 BDL
111-44-4	A	Bis(2-Chloroethyl)ether	BDL	10 BDL	10 BDL	330 BDL
95-57-8	A	2-Chlorophenol	BDL	10 BDL	10 BDL	330 BDL
541-73-1	A	1,3-Dichlorobenzene	BDL	10 BDL	10 BDL	330 BDL
106-46-7	A	1,4-Dichlorobenzene	BDL	10 BDL	10 BDL	330 BDL
95-50-1	A	1,2-Dichlorobenzene	BDL	10 BDL	10 BDL	330 BDL
95-48-7	A	2-Methylphenol	BDL	10 BDL	10 BDL	330 BDL
108-60-1	A	2,2'-oxybis(1-Chloropropane)	BDL	10 BDL	10 BDL	330 BDL
106-44-5	A	4-Methylphenol	BDL	10 BDL	10 BDL	330 BDL
621-64-7	A	N-Nitroso-di-n-propylamine	BDL	10 BDL	10 BDL	330 BDL
67-72-1	A	Hexachloroethane	BDL	10 BDL	10 BDL	330 BDL
98-95-3	A	Nitrobenzene	BDL	10 BDL	10 BDL	330 BDL
78-59-1	A	Isophorone	BDL	10 BDL	10 BDL	330 BDL
88-75-5	A	2-Nitrophenol	BDL	10 BDL	10 BDL	330 BDL
105-67-9	A	2,4-Dimethylphenol	BDL	10 BDL	10 BDL	330 BDL
111-91-1	A	Bis(2-Chloroethoxy)methane	BDL	10 BDL	10 BDL	330 BDL
120-83-2	A	2,4-Dichlorophenol	BDL	10 BDL	10 BDL	330 BDL
120-82-1	A	1,2,4-Trichlorobenzene	BDL	10 BDL	10 BDL	330 BDL
91-20-3	A	Naphthalene	BDL	10 BDL	10 BDL	330 BDL
106-47-8	A	4-Chloroaniline	BDL	10 BDL	10 BDL	330 BDL
87-68-3	A	Hexachlorobutadiene	BDL	10 BDL	10 BDL	330 BDL
59-50-7	A	4-Chloro-3-methylphenol	BDL	10 BDL	10 BDL	330 BDL
91-57-6	A	2-Methylnaphthalene	BDL	10 BDL	10 BDL	330 BDL
77-47-4	A	Hexachlorocyclopentadiene	BDL	10 BDL	10 BDL	330 BDL
88-06-2	A	2,4,6-Trichlorophenol	BDL	10 BDL	10 BDL	330 BDL

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42RB1010 WATER		INDIAN HEAD 42RB-14 WATER		INDIAN HEAD 42SS-4D SOIL		INDIAN HEAD 42B7-3D SOIL	
			ug/l		ug/l		ug/kg	ug/l	ug/kg	
95-95-4	A	2,4,5-Trichlorophenol	BDL	50	BDL	50	BDL	1600	BDL	1600
91-58-7	A	2-Chloronaphthalene	BDL	10	BDL	10	BDL	330	BDL	330
88-74-4	A	2-Nitroaniline	BDL	50	BDL	50	BDL	1600	BDL	1600
131-11-3	A	Dimethylphthalate	BDL	10	BDL	10	BDL	330	BDL	330
208-96-8	A	Acenaphthylene	BDL	10	BDL	10	BDL	330	BDL	330
606-20-2	A	2,6-Dinitrotoluene	BDL	10	BDL	10	BDL	330	BDL	330
99-09-2	A	3-Nitroaniline	BDL	50	BDL	50	BDL	1600	BDL	1600
83-32-9	A	Acenaphthene	BDL	10	BDL	10	BDL	330	BDL	330
51-28-5	B	2,4-Dinitrophenol	BDL	50	BDL	50	BDL	1600	BDL	1600
100-02-7	B	4-Nitrophenol	BDL	50	BDL	50	BDL	1600	BDL	1600
132-64-9	B	Dibenzofuran	BDL	10	BDL	10	BDL	330	BDL	330
121-14-2	B	2,4-Dinitrotoluene	BDL	10	BDL	10	BDL	330	BDL	330
84-66-2	B	Diethylphthalate	BDL	10	BDL	10	BDL	330	BDL	330
7005-72-3	B	4-Chlorophenyl-phenylether	BDL	10	BDL	10	BDL	330	BDL	330
86-73-7	B	Fluorene	BDL	10	BDL	10	BDL	330	BDL	330
100-01-6	B	4-Nitroaniline	BDL	50	BDL	50	BDL	1600	BDL	1600
534-52-1	B	4,6-Dinitro-2-methylphenol	BDL	50	BDL	50	BDL	1600	BDL	1600
86-30-6	B	N-Nitrosodiphenylamine(1)	BDL	10	BDL	10	BDL	330	BDL	330
101-55-3	B	4-Bromophenyl-phenylether	BDL	10	BDL	10	BDL	330	BDL	330
118-74-1	B	Hexachlorobenzene	BDL	10	BDL	10	BDL	330	BDL	330
87-86-5	B	Pentachlorophenol	BDL	50	BDL	50	BDL	1600	BDL	1600
85-01-8	B	Phenanthrene	BDL	10	BDL	10	BDL	330	BDL	330
120-12-7	B	Anthracene	BDL	10	BDL	10	BDL	330	BDL	330
86-74-8	B	Carbazole	BDL	10	BDL	10	BDL	330	BDL	330
84-74-2	B	Di-n-butylphthalate		18		24	BDL	330		223
206-44-0	B	Fluoranthene	BDL	10	BDL	10	BDL	330	BDL	330
129-00-0	B	Pyrene	BDL	10	BDL	10	BDL	330	BDL	330
85-68-7	B	Butylbenzylphthalate	BDL	10	BDL	10	BDL	330	BDL	330
91-94-1	B	3,3'-Dichlorobenzidine	BDL	20	BDL	20	BDL	660	BDL	660
56-55-3	B	Benzo(a)anthracene	BDL	10	BDL	10	BDL	330	BDL	330
218-01-9	B	Chrysene	BDL	10	BDL	10	BDL	330	BDL	330
117-81-7	B	bis(2-Ethylhexyl)phthalate	BDL	10	BDL	10	BDL	330	BDL	330
117-84-0	B	Di-n-octylphthalate	BDL	10	BDL	10	BDL	330	BDL	330
205-99-2	B	Benzo(b)fluoranthene	BDL	10	BDL	10	BDL	330	BDL	330
207-08-9	B	Benzo(k)fluoranthene	BDL	10	BDL	10	BDL	330	BDL	330
50-32-8	B	Benzo(a)pyrene	BDL	10	BDL	10	BDL	330	BDL	330
193-39-5	B	Indeno(1,2,3-cd)pyrene	BDL	10	BDL	10	BDL	330	BDL	330
53-70-3	B	Dibenz(a,h)anthracene	BDL	10	BDL	10	BDL	330	BDL	330
191-24-2	B	Benzo(g,h,i)perylene	BDL	10	BDL	10	BDL	330	BDL	330
PESTICIDES										
319-84-6	P	Alpha-BHC	BDL	0.05	BDL	0.05	BDL	1.7	BDL	1.7
319-85-7	P	Beta-BHC	BDL	0.05	BDL	0.05	6	BDL	BDL	1.7
319-86-8	P	Delta-BHC	BDL	0.05	BDL	0.05	BDL	1.7	BDL	1.7
58-89-9	P	Gamma-BHC (Lindane)	BDL	0.05	BDL	0.05	BDL	1.7	BDL	1.7
76-44-8	P	Heptachlor	BDL	0.05	BDL	0.05	BDL	1.7	BDL	1.7
309-00-2	P	Aldrin	BDL	0.05	BDL	0.05	BDL	1.7	BDL	1.7
1024-57-3	P	Heptachlor epoxide	BDL	0.05	BDL	0.05	BDL	1.7	BDL	1.7
959-98-8	P	Endosulfan I	BDL	0.05	BDL	0.05	BDL	1.7	BDL	1.7
60-57-1	P	Dieldrin	BDL	0.1	BDL	0.1	BDL	3.3	BDL	3.3
72-55-9	P	4,4'-DDE	BDL	0.1	BDL	0.1	BDL	3.3	BDL	3.3
72-20-8	P	Endrin	BDL	0.1	BDL	0.1	BDL	3.3	BDL	3.3
33213-65-9	P	Endosulfan II	BDL	0.1	BDL	0.1	BDL	3.3	BDL	3.3
72-54-8	P	4,4'-DDD	BDL	0.1	BDL	0.1	BDL	3.3	BDL	3.3
1031-07-8	P	Endosulfan sulfate	BDL	0.1	BDL	0.1	BDL	3.3		6
50-29-3	P	4,4'-DDT	BDL	0.1	BDL	0.1	13	BDL	BDL	3.3
72-43-5	P	Methoxychlor	BDL	0.5	BDL	0.5	BDL	17	BDL	17
53494-70-5	P	Endrin ketone	BDL	0.1	BDL	0.1	BDL	3.3	BDL	3.3
7421-36-3	P	Endrin aldehyde	BDL	0.1	BDL	0.1	BDL	3.3	BDL	3.3
5103-71-9	P	Alpha-Chlordane	BDL	0.05	BDL	0.05	BDL	1.7	BDL	1.7
5103-74-2	P	Gamma-Chlordane	BDL	0.05	BDL	0.05	BDL	1.7	BDL	1.7

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42RB1010 WATER		INDIAN HEAD 42RB-14 WATER		INDIAN HEAD 42RS-4D SOIL		INDIAN HEAD 42B7-3D SOIL	
			ug/l	ug/l	ug/l	ug/l	ug/kg	ug/kg	ug/kg	ug/kg
8001-35-2	P Toxaphene		BDL	5	BDL	5	BDL	170	BDL	170
12674-11-2	P Aroclor-1016		BDL	1	BDL	1	BDL	33	BDL	33
11104-28-2	P Aroclor-1221		BDL	2	BDL	2	BDL	67	BDL	67
11141-16-5	P Aroclor-1232		BDL	1	BDL	1	BDL	33	BDL	33
53469-21-9	P Aroclor-1242		BDL	1	BDL	1	BDL	33	BDL	33
12672-29-6	P Aroclor-1248		BDL	1	BDL	1	BDL	33	BDL	33
11097-69-1	P Aroclor-1254		BDL	1	BDL	1	BDL	33	BDL	33
11096-82-5	P Aroclor-1260		BDL	1	BDL	1	BDL	33	BDL	33
INORGANICS			ug/l		ug/l		mg/kg		mg/kg	
7429-90-5	M Aluminum		BDL	200	BDL	200	3820		4700	
7440-36-0	M Antimony		BDL	60	BDL	60	BDL	6	BDL	6
7440-38-2	M Arsenic		BDL	10	BDL	10	BDL	10	BDL	10
7440-39-3	M Barium		BDL	200	BDL	200	32		42	
7440-41-7	M Beryllium		BDL	5	BDL	5	BDL	0.5	BDL	0.5
7440-43-9	M Cadmium		BDL	5	BDL	5	BDL	0.5	BDL	0.5
7440-70-2	M Calcium		BDL	5000	BDL	5000	993		BDL	500
7440-47-3	M Chromium		BDL	10	BDL	10	6		16	
7440-48-4	M Cobalt		BDL	50	BDL	50	BDL	5	BDL	5
7440-50-8	M Copper		BDL	25		30	18		BDL	2.5
7439-89-6	M Iron			240		400	7480		8110	
7439-92-1	M Lead		BDL	3	BDL	3	13		9	
7439-95-4	M Magnesium		BDL	5000	BDL	5000	BDL	500	752	
7439-96-5	M Manganese			15		18	133		35	
7439-97-6	M Mercury		BDL	0.2	BDL	0.2	BDL	0.1	BDL	0.1
7440-02-0	M Nickel		BDL	40	BDL	40	8		8	
7440-09-7	M Potassium		BDL	5000	BDL	5000	BDL	500	599	
7782-49-2	M Selenium		BDL	5	BDL	5	BDL	5	BDL	5
7440-22-4	M Silver		BDL	10	BDL	10	20		BDL	1
7440-23-5	M Sodium			119000		76000	BDL	500	BDL	500
7440-28-0	M Thallium		BDL	5	BDL	5	BDL	1	BDL	3
7440-62-2	M Vanadium		BDL	50	BDL	50	11		21	
7440-66-6	M Zinc			31		20	63		22	
	M Cyanide		BDL	0.005	BDL	0.005	BDL	0.5	BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B11-3D		INDIAN HEAD 42B13-3D		INDIAN HEAD 42B14-3D		INDIAN HEAD 42B15-3D	
			SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg			
VOLATILE										
74-87-3	V	Chloromethane	BDL	10	BDL	10	BDL	10	BDL	10
74-83-9	V	Bromomethane	BDL	10	BDL	10	BDL	10	BDL	10
75-01-4	V	Vinyl Chloride	BDL	10	BDL	10	BDL	10	BDL	10
75-00-3	V	Chloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-09-2	V	Methylene Chloride	6	BDL	10	BDL	10	13	BDL	10
67-64-1	V	Acetone	BDL	10	BDL	10	211	BDL	10	10
75-15-0	V	Carbon Disulfide	BDL	10	BDL	10	BDL	10	BDL	10
75-35-4	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-34-3	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
540-59-0	V	1,2-Dichloroethane (total)	BDL	10	BDL	10	BDL	10	BDL	10
67-66-3	V	Chloroform	BDL	10	BDL	10	BDL	10	BDL	10
107-06-2	V	1,2-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
78-93-3	V	2-Butanone	BDL	10	BDL	10	BDL	10	BDL	10
71-55-6	V	1,1,1-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
56-23-5	V	Carbon Tetrachloride	BDL	10	BDL	10	BDL	10	BDL	10
75-27-4	V	Bromodichloromethane	BDL	10	BDL	10	BDL	10	BDL	10
78-87-5	V	1,2-Dichloropropane	BDL	10	BDL	10	BDL	10	BDL	10
10061-01-5	V	cis-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
79-01-6	V	Trichloroethane	9	10	BDL	10	BDL	10	BDL	10
124-48-1	V	Dibromochloromethane	BDL	10	BDL	10	BDL	10	BDL	10
79-00-5	V	1,1,2-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
71-43-2	V	Benzene	BDL	10	BDL	10	BDL	10	BDL	10
10061-02-6	V	Trans-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
75-25-2	V	Bromoform	BDL	10	BDL	10	BDL	10	BDL	10
108-10-1	V	4-Methyl-2-Pentanone	BDL	10	BDL	10	BDL	10	BDL	10
591-78-6	V	2-Hexanone	BDL	10	BDL	10	BDL	10	BDL	10
127-18-4	V	Tetrachloroethane	BDL	10	BDL	10	BDL	10	BDL	10
79-34-5	V	1,1,2,2-Tetrachloroethane	BDL	10	BDL	10	BDL	10	BDL	10
108-88-3	V	Toluene	BDL	10	BDL	10	BDL	10	BDL	10
108-90-7	V	Chlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-41-4	V	Ethylbenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-42-5	V	Styrene	BDL	10	BDL	10	BDL	10	BDL	10
1330-20-7	V	Xylenes (Total)	BDL	10	BDL	10	BDL	10	BDL	10
SEMI-VOLATILE										
108-95-2	A	Phenol	BDL	330	BDL	330	BDL	330	BDL	330
111-44-4	A	Bis(2-Chloroethyl)ether	BDL	330	BDL	330	BDL	330	BDL	330
95-57-8	A	2-Chlorophenol	BDL	330	BDL	330	BDL	330	BDL	330
541-73-1	A	1,3-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
106-46-7	A	1,4-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
95-50-1	A	1,2-Dichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
95-48-7	A	2-Methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
108-80-1	A	2,2'-oxybis(1-Chloropropane)	BDL	330	BDL	330	BDL	330	BDL	330
106-44-5	A	4-Methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
621-84-7	A	N-Nitroso-di-n-propylamine	BDL	330	BDL	330	BDL	330	BDL	330
67-72-1	A	Hexachloroethane	BDL	330	BDL	330	BDL	330	BDL	330
98-95-3	A	Nitrobenzene	BDL	330	BDL	330	BDL	330	BDL	330
78-59-1	A	Isophorone	BDL	330	BDL	330	BDL	330	BDL	330
88-75-5	A	2-Nitrophenol	BDL	330	BDL	330	BDL	330	BDL	330
105-67-9	A	2,4-Dimethylphenol	BDL	330	BDL	330	BDL	330	BDL	330
111-91-1	A	Bis(2-Chloroethoxy)methane	BDL	330	BDL	330	BDL	330	BDL	330
120-83-2	A	2,4-Dichlorophenol	BDL	330	BDL	330	BDL	330	BDL	330
120-82-1	A	1,2,4-Trichlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
91-20-3	A	Naphthalene	BDL	330	BDL	330	BDL	330	BDL	330
106-47-8	A	4-Chloroaniline	BDL	330	BDL	330	BDL	330	BDL	330
87-68-3	A	Hexachlorobutadiene	BDL	330	BDL	330	BDL	330	BDL	330
59-50-7	A	4-Chloro-3-methylphenol	BDL	330	BDL	330	BDL	330	BDL	330
91-57-6	A	2-Methylnaphthalene	BDL	330	BDL	330	BDL	330	BDL	330
77-47-4	A	Hexachlorocyclopentadiene	BDL	330	BDL	330	BDL	330	BDL	330
88-06-2	A	2,4,6-Trichlorophenol	BDL	330	BDL	330	BDL	330	BDL	330

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B11-3D		INDIAN HEAD 42B13-3D		INDIAN HEAD 42B14-3D		INDIAN HEAD 42B15-3D	
			SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg		
95-95-4	A	2,4,5-Trichlorophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
91-58-7	A	2-Chloronaphthalene	BDL	330	BDL	330	BDL	330	BDL	330
88-74-4	A	2-Nitroaniline	BDL	1600	BDL	1600	BDL	1600	BDL	1600
131-11-3	A	Dimethylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
208-06-8	A	Acenaphthylene	BDL	330	BDL	330	BDL	330	BDL	330
606-20-2	A	2,6-Dinitrotoluene	BDL	330	BDL	330	BDL	330	BDL	330
99-09-2	A	3-Nitroaniline	BDL	1600	BDL	1600	BDL	1600	BDL	1600
83-32-9	A	Acenaphthene	BDL	330	BDL	330	BDL	330	BDL	330
51-28-5	B	2,4-Dinitrophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
100-02-7	B	4-Nitrophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
132-84-9	B	Dibenzofuran	BDL	330	BDL	330	BDL	330	BDL	330
121-14-2	B	2,4-Dinitrotoluene	BDL	330	BDL	330	BDL	330	BDL	330
84-66-2	B	Diethylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
7005-72-3	B	4-Chlorophenyl-phenylether	BDL	330	BDL	330	BDL	330	BDL	330
86-73-7	B	Fluorene	BDL	330	BDL	330	BDL	330	BDL	330
100-01-6	B	4-Nitroaniline	BDL	1600	BDL	1600	BDL	1600	BDL	1600
534-52-1	B	4,6-Dinitro-2-methylphenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
86-30-6	B	N-Nitrosodiphenylamine(1)	BDL	330	BDL	330	BDL	330	BDL	330
101-55-3	B	4-Bromophenyl-phenylether	BDL	330	BDL	330	BDL	330	BDL	330
118-74-1	B	Hexachlorobenzene	BDL	330	BDL	330	BDL	330	BDL	330
87-88-5	B	Pentachlorophenol	BDL	1600	BDL	1600	BDL	1600	BDL	1600
85-01-8	B	Phenanthrene	BDL	330	BDL	330	BDL	330	BDL	330
120-12-7	B	Anthracene	BDL	330	BDL	330	BDL	330	BDL	330
86-74-8	B	Carbazole	BDL	330	BDL	330	BDL	330	BDL	330
84-74-2	B	Di-n-butylphthalate	BDL	330	BDL	330	BDL	330	247	330
206-44-0	B	Fluoranthene	BDL	330	BDL	330	BDL	330	BDL	330
129-00-0	B	Pyrene	BDL	330	BDL	330	BDL	330	BDL	330
85-88-7	B	Butylbenzylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
91-94-1	B	3,3'-Dichlorobenzidine	BDL	660	BDL	660	BDL	660	BDL	660
56-55-3	B	Benzo(a)anthracene	BDL	330	BDL	330	BDL	330	BDL	330
218-01-9	B	Chrysene	BDL	330	BDL	330	BDL	330	BDL	330
117-81-7	B	bis(2-Ethylhexyl)phthalate	BDL	330	BDL	330	BDL	330	BDL	330
117-84-0	B	Di-n-octylphthalate	BDL	330	BDL	330	BDL	330	BDL	330
205-99-2	B	Benzo(b)fluoranthene	BDL	330	BDL	330	BDL	330	BDL	330
207-08-9	B	Benzo(k)fluoranthene	BDL	330	BDL	330	BDL	330	BDL	330
50-32-8	B	Benzo(a)pyrene	BDL	330	BDL	330	BDL	330	BDL	330
193-39-5	B	Indeno(1,2,3-cd)pyrene	BDL	330	BDL	330	BDL	330	BDL	330
53-70-3	B	Dibenz(a,h)anthracene	BDL	330	BDL	330	BDL	330	BDL	330
191-24-2	B	Benzo(g,h,i)perylene	BDL	330	BDL	330	BDL	330	BDL	330
PESTICIDES										
319-84-6	P	Alpha-BHC	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
319-85-7	P	Beta-BHC	BDL	1.7		3	BDL	1.7	BDL	1.7
319-86-8	P	Delta-BHC	BDL	1.7	BDL	1.7		3	BDL	1.7
58-89-9	P	Gamma-BHC (Lindane)	BDL	1.7	BDL	1.7		4	BDL	1.7
76-44-8	P	Heptachlor	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
309-00-2	P	Aldrin	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
1024-57-3	P	Heptachlor epoxide	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
959-98-8	P	Endosulfan I	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
60-57-1	P	Dieldrin	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-55-9	P	4,4'-DDE	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
72-20-8	P	Endrin	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
33213-65-9	P	Endosulfan II	BDL	3.3	BDL	3.3		5	BDL	3.3
72-54-8	P	4,4'-DDD	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
1031-07-8	P	Endosulfan sulfate		11	BDL	3.3		24		13
50-29-3	P	4,4'-DDT	BDL	3.3		4	BDL	3.3	BDL	3.3
72-43-5	P	Methoxychlor	BDL	17	BDL	17	BDL	17	BDL	17
53494-70-5	P	Endrin ketone	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
7421-36-3	P	Endrin aldehyde	BDL	3.3	BDL	3.3	BDL	3.3	BDL	3.3
5103-71-9	P	Alpha-Chlordane	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7
5103-74-2	P	Gamma-Chlordane	BDL	1.7	BDL	1.7	BDL	1.7	BDL	1.7

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42B11-3D		INDIAN HEAD 42B13-3D		INDIAN HEAD 42B14-3D		INDIAN HEAD 42B15-3D	
			SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg	SOIL ug/kg		
8001-35-2	P	Toxaphene	BDL	170	BDL	170	BDL	170	BDL	170
12674-11-2	P	Aroclor-1016	BDL	33	BDL	33	BDL	33	BDL	33
11104-28-2	P	Aroclor-1221	BDL	67	BDL	67	BDL	67	BDL	67
11141-16-5	P	Aroclor-1232	BDL	33	BDL	33	BDL	33	BDL	33
53469-21-9	P	Aroclor-1242	BDL	33	BDL	33	BDL	33	BDL	33
12672-29-8	P	Aroclor-1248	BDL	33	BDL	33	BDL	33	BDL	33
11097-69-1	P	Aroclor-1254	BDL	33	BDL	33	BDL	33	BDL	33
11096-82-5	P	Aroclor-1260	BDL	33	BDL	33	BDL	33	BDL	33
INORGANICS			mg/kg		mg/kg		mg/kg		mg/kg	
7429-90-5	M	Aluminum		11900		12800		11300		8110
7440-38-0	M	Antimony	BDL	6	BDL	6	BDL	6	BDL	6
7440-38-2	M	Arsenic		14		10		10		10
7440-39-3	M	Barium		85		50		79		47
7440-41-7	M	Beryllium		1		0.5		0.5		1
7440-43-9	M	Cadmium	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
7440-70-2	M	Calcium	BDL	500	BDL	500		633	BDL	500
7440-47-3	M	Chromium		14		14		10		8
7440-48-4	M	Cobalt		6		5		11		8
7440-50-8	M	Copper		14		3		17		14
7439-89-6	M	Iron		38000		15100		17400		27000
7439-92-1	M	Lead		22		7		376		12
7439-95-4	M	Magnesium		938		1110		1360		1650
7439-96-5	M	Manganese		30		39		261		64
7439-97-6	M	Mercury	BDL	0.1	BDL	0.1		0	BDL	0.1
7440-02-0	M	Nickel		9		9		11		14
7440-09-7	M	Potassium		772		777		707	BDL	500
7782-49-2	M	Selenium	BDL	5	BDL	5	BDL	5	BDL	5
7440-22-4	M	Silver	BDL	1	BDL	1		19	BDL	1
7440-23-5	M	Sodium	BDL	500	BDL	500	BDL	500		235
7440-28-0	M	Thallium	BDL	10	BDL	10	BDL	10	BDL	3
7440-62-2	M	Vanadium		31		23		24		16
7440-66-6	M	Zinc		36		28		109		35
	M	Cyanide	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
			101591TB WATER ug/l	101591TB WATER ug/l	101591TB WATER ug/l	42FB1015 WATER ug/l	101891TB WATER ug/l	101891TB WATER ug/l		
VOLATILE										
74-87-3	V	Chloromethane	BDL	10	BDL	10	BDL	10	BDL	10
74-83-9	V	Bromomethane	BDL	10	BDL	10	BDL	10	BDL	10
75-01-4	V	Vinyl Chloride	BDL	10	BDL	10	BDL	10	BDL	10
75-00-3	V	Chloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-09-2	V	Methylene Chloride	BDL	10	BDL	10	BDL	10	BDL	10
67-64-1	V	Acetone	BDL	10	BDL	10	BDL	10	BDL	10
75-15-0	V	Carbon Disulfide	BDL	10	BDL	10	BDL	10	BDL	10
75-35-4	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-34-3	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
540-59-0	V	1,2-Dichloroethane (total)	BDL	10	BDL	10	BDL	10	BDL	10
67-66-3	V	Chloroform	BDL	10	BDL	10	BDL	10	BDL	10
107-06-2	V	1,2-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
78-93-3	V	2-Butanone	BDL	10	BDL	10	BDL	10	BDL	10
71-55-6	V	1,1,1-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
56-23-5	V	Carbon Tetrachloride	BDL	10	BDL	10	BDL	10	BDL	10
75-27-4	V	Bromodichloromethane	BDL	10	BDL	10	BDL	10	BDL	10
78-87-5	V	1,2-Dichloropropane	BDL	10	BDL	10	BDL	10	BDL	10
10061-01-5	V	cis-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
79-01-6	V	Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
124-48-1	V	Dibromochloromethane	BDL	10	BDL	10	BDL	10	BDL	10
79-00-5	V	1,1,2-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
71-43-2	V	Benzene	BDL	10	BDL	10	BDL	10	BDL	10
10061-02-6	V	Trans-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
75-25-2	V	Bromoform	BDL	10	BDL	10	BDL	10	BDL	10
108-10-1	V	4-Methyl-2-Pentanone	BDL	10	BDL	10	BDL	10	BDL	10
591-78-6	V	2-Hexanone	BDL	10	BDL	10	BDL	10	BDL	10
127-18-4	V	Tetrachloroethene	BDL	10	5	BDL	BDL	10	BDL	10
79-34-5	V	1,1,2,2-Tetrachloroethane	BDL	10	BDL	10	BDL	10	BDL	10
108-88-3	V	Toluene	BDL	10	BDL	10	BDL	10	BDL	10
108-90-7	V	Chlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-41-4	V	Ethylbenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-42-5	V	Styrene	BDL	10	BDL	10	BDL	10	BDL	10
1330-20-7	V	Xylenes (Total)	BDL	10	BDL	10	BDL	10	BDL	10
SEMI-VOLATILE										
108-95-2	A	Phenol	BDL		BDL		BDL	10	BDL	
111-44-4	A	Bis(2-Chloroethyl)ether	BDL		BDL		BDL	10	BDL	
95-57-8	A	2-Chlorophenol	BDL		BDL		BDL	10	BDL	
541-73-1	A	1,3-Dichlorobenzene	BDL		BDL		BDL	10	BDL	
106-46-7	A	1,4-Dichlorobenzene	BDL		BDL		BDL	10	BDL	
95-50-1	A	1,2-Dichlorobenzene	BDL		BDL		BDL	10	BDL	
95-48-7	A	2-Methylphenol	BDL		BDL		BDL	10	BDL	
108-60-1	A	2,2'-oxybis(1-Chloropropane)	BDL		BDL		BDL	10	BDL	
106-44-5	A	4-Methylphenol	BDL		BDL		BDL	10	BDL	
621-64-7	A	N-Nitroso-di-n-propylamine	BDL		BDL		BDL	10	BDL	
67-72-1	A	Hexachloroethane	BDL		BDL		BDL	10	BDL	
98-95-3	A	Nitrobenzene	BDL		BDL		BDL	10	BDL	
78-59-1	A	Isophorone	BDL		BDL		BDL	10	BDL	
88-75-5	A	2-Nitrophenol	BDL		BDL		BDL	10	BDL	
105-67-9	A	2,4-Dimethylphenol	BDL		BDL		BDL	10	BDL	
111-91-1	A	Bis(2-Chloroethoxy)methane	BDL		BDL		BDL	10	BDL	
120-83-2	A	2,4-Dichlorophenol	BDL		BDL		BDL	10	BDL	
120-82-1	A	1,2,4-Trichlorobenzene	BDL		BDL		BDL	10	BDL	
91-20-3	A	Naphthalene	BDL		BDL		BDL	10	BDL	
106-47-8	A	4-Chloroaniline	BDL		BDL		BDL	10	BDL	
87-68-3	A	Hexachlorobutadiene	BDL		BDL		BDL	10	BDL	
59-50-7	A	4-Chloro-3-methylphenol	BDL		BDL		BDL	10	BDL	
91-57-6	A	2-Methylnaphthalene	BDL		BDL		BDL	10	BDL	
77-47-4	A	Hexachlorocyclopentadiene	BDL		BDL		BDL	10	BDL	
88-06-2	A	2,4,6-Trichlorophenol	BDL		BDL		BDL	10	BDL	

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD	INDIAN HEAD	INDIAN HEAD	INDIAN HEAD
			101591TB WATER ug/l	101191TB WATER ug/l	42FB1016 WATER ug/l	101891TB WATER ug/l
95-95-4	A	2,4,5-Trichlorophenol	BDL	BDL	BDL	50 BDL
91-58-7	A	2-Chloronaphthalene	BDL	BDL	BDL	10 BDL
88-74-4	A	2-Nitroaniline	BDL	BDL	BDL	50 BDL
131-11-3	A	Dimethylphthalate	BDL	BDL	BDL	10 BDL
208-96-8	A	Acenaphthylene	BDL	BDL	BDL	10 BDL
808-20-2	A	2,6-Dinitrotoluene	BDL	BDL	BDL	10 BDL
99-09-2	A	3-Nitroaniline	BDL	BDL	BDL	50 BDL
83-32-9	A	Acenaphthene	BDL	BDL	BDL	10 BDL
51-28-5	B	2,4-Dinitrophenol	BDL	BDL	BDL	50 BDL
100-02-7	B	4-Nitrophenol	BDL	BDL	BDL	50 BDL
132-64-9	B	Dibenzofuran	BDL	BDL	BDL	10 BDL
121-14-2	B	2,4-Dinitrotoluene	BDL	BDL	BDL	10 BDL
84-66-2	B	Diethylphthalate	BDL	BDL	BDL	10 BDL
7005-72-3	B	4-Chlorophenyl-phenylether	BDL	BDL	BDL	10 BDL
86-73-7	B	Fluorene	BDL	BDL	BDL	10 BDL
100-01-6	B	4-Nitroaniline	BDL	BDL	BDL	50 BDL
534-52-1	B	4,6-Dinitro-2-methylphenol	BDL	BDL	BDL	50 BDL
86-30-6	B	N-Nitrosodiphenylamine(1)	BDL	BDL	BDL	10 BDL
101-55-3	B	4-Bromophenyl-phenylether	BDL	BDL	BDL	10 BDL
118-74-1	B	Hexachlorobenzene	BDL	BDL	BDL	10 BDL
87-86-5	B	Pentachlorophenol	BDL	BDL	BDL	50 BDL
85-01-8	B	Phenanthrene	BDL	BDL	BDL	10 BDL
120-12-7	B	Anthracene	BDL	BDL	BDL	10 BDL
86-74-8	B	Carbazole	BDL	BDL	BDL	10 BDL
84-74-2	B	Di-n-butylphthalate	BDL	BDL	8	BDL
206-44-0	B	Fluoranthene	BDL	BDL	BDL	10 BDL
129-00-0	B	Pyrene	BDL	BDL	BDL	10 BDL
85-68-7	B	Butylbenzylphthalate	BDL	BDL	BDL	10 BDL
91-94-1	B	3,3'-Dichlorobenzidine	BDL	BDL	BDL	20 BDL
56-55-3	B	Benzo(a)anthracene	BDL	BDL	BDL	10 BDL
218-01-9	B	Chrysene	BDL	BDL	BDL	10 BDL
117-81-7	B	bis(2-Ethylhexyl)phthalate	BDL	BDL	BDL	10 BDL
117-84-0	B	Di-n-octylphthalate	BDL	BDL	BDL	10 BDL
205-99-2	B	Benzo(b)fluoranthene	BDL	BDL	BDL	10 BDL
207-08-9	B	Benzo(k)fluoranthene	BDL	BDL	BDL	10 BDL
50-32-8	B	Benzo(a)pyrene	BDL	BDL	BDL	10 BDL
193-39-5	B	Indeno(1,2,3-cd)pyrene	BDL	BDL	BDL	10 BDL
53-70-3	B	Dibenz(a,h)anthracene	BDL	BDL	BDL	10 BDL
191-24-2	B	Benzo(g,h,i)perylene	BDL	BDL	BDL	10 BDL
PESTICIDES						
319-84-6	P	Alpha-BHC	BDL	BDL	BDL	0.05 BDL
319-85-7	P	Beta-BHC	BDL	BDL	BDL	0.05 BDL
319-86-8	P	Delta-BHC	BDL	BDL	BDL	0.05 BDL
58-89-9	P	Gamma-BHC (Lindane)	BDL	BDL	BDL	0.05 BDL
76-44-8	P	Heptachlor	BDL	BDL	BDL	0.05 BDL
309-00-2	P	Aldrin	BDL	BDL	BDL	0.05 BDL
1024-57-3	P	Heptachlor epoxide	BDL	BDL	BDL	0.05 BDL
959-98-8	P	Endosulfan I	BDL	BDL	BDL	0.05 BDL
60-57-1	P	Dieldrin	BDL	BDL	BDL	0.1 BDL
72-55-9	P	4,4'-DDE	BDL	BDL	BDL	0.1 BDL
72-20-8	P	Endrin	BDL	BDL	BDL	0.1 BDL
33213-65-9	P	Endosulfan II	BDL	BDL	BDL	0.1 BDL
72-54-8	P	4,4'-DDD	BDL	BDL	BDL	0.1 BDL
1031-07-8	P	Endosulfan sulfate	BDL	BDL	BDL	0.1 BDL
50-29-3	P	4,4'-DDT	BDL	BDL	BDL	0.1 BDL
72-43-5	P	Methoxychlor	BDL	BDL	BDL	0.5 BDL
53494-70-5	P	Endrin ketone	BDL	BDL	BDL	0.1 BDL
7421-36-3	P	Endrin aldehyde	BDL	BDL	BDL	0.1 BDL
5103-71-9	P	Alpha-Chlordane	BDL	BDL	BDL	0.05 BDL
5103-74-2	P	Gamma-Chlordane	BDL	BDL	BDL	0.05 BDL

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD	INDIAN HEAD	INDIAN HEAD	INDIAN HEAD
			101591TB WATER ug/l	101191TB WATER ug/l	42FB1016 WATER ug/l	101891TB WATER ug/l
8001-35-2	P Toxaphene		BDL	BDL	BDL	5 BDL
12674-11-2	P Aroclor-1016		BDL	BDL	BDL	1 BDL
11104-28-2	P Aroclor-1221		BDL	BDL	BDL	2 BDL
11141-16-5	P Aroclor-1232		BDL	BDL	BDL	1 BDL
53469-21-9	P Aroclor-1242		BDL	BDL	BDL	1 BDL
12672-29-6	P Aroclor-1248		BDL	BDL	BDL	1 BDL
11097-89-1	P Aroclor-1254		BDL	BDL	BDL	1 BDL
11098-82-5	P Aroclor-1260		BDL	BDL	BDL	1 BDL
	INORGANICS		ug/l	ug/l	ug/l	ug/l
7429-90-5	M Aluminum		BDL	BDL	BDL	0.2 BDL
7440-38-0	M Antimony		BDL	BDL	BDL	0.1 BDL
7440-38-2	M Arsenic		BDL	BDL	BDL	10 BDL
7440-39-3	M Barium		BDL	BDL	BDL	0.2 BDL
7440-41-7	M Beryllium		BDL	BDL	BDL	0 BDL
7440-43-9	M Cadmium		BDL	BDL	BDL	0 BDL
7440-70-2	M Calcium		BDL	BDL	BDL	0.5 BDL
7440-47-3	M Chromium		BDL	BDL	BDL	0 BDL
7440-48-4	M Cobalt		BDL	BDL	BDL	0 BDL
7440-50-8	M Copper		BDL	BDL	BDL	0 BDL
7439-89-6	M Iron		BDL	BDL	BDL	0.1 BDL
7439-92-1	M Lead		BDL	BDL	BDL	3 BDL
7439-95-4	M Magnesium		BDL	BDL	BDL	0.5 BDL
7439-96-5	M Manganese		BDL	BDL	BDL	0 BDL
7439-97-6	M Mercury		BDL	BDL	BDL	0.2 BDL
7440-02-0	M Nickel		BDL	BDL	BDL	0 BDL
7440-09-7	M Potassium		BDL	BDL	BDL	5000 BDL
7782-49-2	M Selenium		BDL	BDL	BDL	5 BDL
7440-22-4	M Silver		BDL	BDL	BDL	0 BDL
7440-23-5	M Sodium		BDL	BDL	BDL	5000 BDL
7440-28-0	M Thallium		BDL	BDL	BDL	0 BDL
7440-82-2	M Vanadium		BDL	BDL	BDL	0 BDL
7440-66-6	M Zinc		BDL	BDL	BDL	0 BDL
	M Cyanide		BDL	BDL	BDL	0.005 BDL

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42MW-3D		INDIAN HEAD 42RB1018		INDIAN HEAD 42MW3-MS		INDIAN HEAD 42MW3-MSD	
			WATER ug/l	CL	WATER ug/l	CL	WATER ug/l	CL	WATER ug/l	CL
VOLATILE										
74-87-3	V	Chloromethane	BDL	10	BDL	10	BDL	10	BDL	10
74-83-9	V	Bromomethane	BDL	10	BDL	10	BDL	10	BDL	10
75-01-4	V	Vinyl Chloride	BDL	10	BDL	10	BDL	10	BDL	10
75-00-3	V	Chloroethane	BDL	10	BDL	10	BDL	10	BDL	10
75-09-2	V	Methylene Chloride	BDL	10	BDL	10	BDL	10	BDL	10
67-64-1	V	Acetone	BDL	10	BDL	10	BDL	10	BDL	10
75-15-0	V	Carbon Disulfide	BDL	10	BDL	10	BDL	10	BDL	10
75-35-4	V	1,1-Dichloroethene	BDL	10	BDL	10	46		46	
75-34-3	V	1,1-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
540-59-0	V	1,2-Dichloroethene(total)	BDL	10	BDL	10	BDL	10	BDL	10
67-66-3	V	Chloroform	BDL	10	BDL	10	BDL	10	BDL	10
107-06-2	V	1,2-Dichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
78-93-3	V	2-Butanone	BDL	10	BDL	10	BDL	10	BDL	10
71-55-6	V	1,1,1-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
56-23-5	V	Carbon Tetrachloride	BDL	10	BDL	10	BDL	10	BDL	10
75-27-4	V	Bromodichloromethane	BDL	10	BDL	10	BDL	10	BDL	10
78-87-5	V	1,2-Dichloropropane	BDL	10	BDL	10	BDL	10	BDL	10
10061-01-5	V	cis-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
79-01-6	V	Trichloroethene	BDL	10	BDL	10	50		49	
124-48-1	V	Dibromochloromethane	BDL	10	BDL	10	BDL	10	BDL	10
79-00-5	V	1,1,2-Trichloroethane	BDL	10	BDL	10	BDL	10	BDL	10
71-43-2	V	Benzene	BDL	10	BDL	10	54		54	
10061-02-6	V	Trans-1,3-Dichloropropene	BDL	10	BDL	10	BDL	10	BDL	10
75-25-2	V	Bromoform	BDL	10	BDL	10	BDL	10	BDL	10
108-10-1	V	4-Methyl-2-Pentanone	BDL	10	BDL	10	BDL	10	BDL	10
591-78-6	V	2-Hexanone	BDL	10	BDL	10	BDL	10	BDL	10
127-18-4	V	Tetrachloroethene	BDL	10	BDL	10	BDL	10	BDL	10
79-34-5	V	1,1,2,2-Tetrachloroethane	BDL	10	BDL	10	BDL	10	BDL	10
108-88-3	V	Toluene	BDL	10	BDL	10	54		54	
108-90-7	V	Chlorobenzene	BDL	10	BDL	10	54		54	
100-41-4	V	Ethylbenzene	BDL	10	BDL	10	BDL	10	BDL	10
100-42-5	V	Styrene	BDL	10	BDL	10	BDL	10	BDL	10
1330-20-7	V	Xylenes (Total)	BDL	10	BDL	10	BDL	10	BDL	10
SEMI-VOLATILE										
108-95-2	A	Phenol	BDL	10	BDL	10	BDL	10	BDL	10
111-44-4	A	Bis(2-Chloroethyl)ether	BDL	10	BDL	10	BDL	10	BDL	10
95-57-8	A	2-Chlorophenol	BDL	10	BDL	10	BDL	10	BDL	10
541-73-1	A	1,3-Dichlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
108-48-7	A	1,4-Dichlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
95-50-1	A	1,2-Dichlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
95-48-7	A	2-Methylphenol	BDL	10	BDL	10	BDL	10	BDL	10
108-60-1	A	2,2'-oxybis(1-Chloropropane)	BDL	10	BDL	10	BDL	10	BDL	10
106-44-5	A	4-Methylphenol	BDL	10	BDL	10	BDL	10	BDL	10
621-64-7	A	N-Nitroso-di-n-propylamine	BDL	10	BDL	10	BDL	10	BDL	10
67-72-1	A	Hexachloroethane	BDL	10	BDL	10	BDL	10	BDL	10
98-95-3	A	Nitrobenzene	BDL	10	BDL	10	BDL	10	BDL	10
78-59-1	A	Isophorone	BDL	10	BDL	10	BDL	10	BDL	10
88-75-5	A	2-Nitrophenol	BDL	10	BDL	10	BDL	10	BDL	10
105-67-9	A	2,4-Dimethylphenol	BDL	10	BDL	10	BDL	10	BDL	10
111-91-1	A	Bis(2-Chloroethoxy)methane	BDL	10	BDL	10	BDL	10	BDL	10
120-83-2	A	2,4-Dichlorophenol	BDL	10	BDL	10	BDL	10	BDL	10
120-82-1	A	1,2,4-Trichlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
91-20-3	A	Naphthalene	BDL	10	BDL	10	BDL	10	BDL	10
106-47-8	A	4-Chloroaniline	BDL	10	BDL	10	BDL	10	BDL	10
87-68-3	A	Hexachlorobutadiene	BDL	10	BDL	10	BDL	10	BDL	10
59-50-7	A	4-Chloro-3-methylphenol	BDL	10	BDL	10	BDL	10	BDL	10
91-57-6	A	2-Methylnaphthalene	BDL	10	BDL	10	BDL	10	BDL	10
77-47-4	A	Hexachlorocyclopentadiene	BDL	10	BDL	10	BDL	10	BDL	10
88-06-2	A	2,4,6-Trichlorophenol	BDL	10	BDL	10	BDL	10	BDL	10

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42MW-3D		INDIAN HEAD 42RB1018		INDIAN HEAD 42MW3-MS		INDIAN HEAD 42MW3-MSD	
			WATER ug/l	WATER ug/l	WATER ug/l	WATER ug/l	WATER ug/l	WATER ug/l		
95-95-4	A	2,4,5-Trichlorophenol	BDL	50	BDL	50	BDL	50	BDL	50
91-58-7	A	2-Chloronaphthalene	BDL	10	BDL	10	BDL	10	BDL	10
88-74-4	A	2-Nitroaniline	BDL	50	BDL	50	BDL	50	BDL	50
131-11-3	A	Dimethylphthalate	BDL	10	BDL	10	BDL	10	BDL	10
208-96-8	A	Acenaphthylene	BDL	10	BDL	10	BDL	10	BDL	10
606-20-2	A	2,6-Dinitrotoluene	BDL	10	BDL	10	BDL	10	BDL	10
99-09-2	A	3-Nitroaniline	BDL	50	BDL	50	BDL	50	BDL	50
83-32-9	A	Acenaphthene	BDL	10	BDL	10	BDL	10	BDL	10
51-28-5	B	2,4-Dinitrophenol	BDL	50	BDL	50	BDL	50	BDL	50
100-02-7	B	4-Nitrophenol	BDL	50	BDL	50	BDL	50	BDL	50
132-64-9	B	Dibenzofuran	BDL	10	BDL	10	BDL	10	BDL	10
121-14-2	B	2,4-Dinitrotoluene	BDL	10	BDL	10	BDL	10	BDL	10
84-66-2	B	Diethylphthalate	BDL	10	BDL	10	BDL	10	BDL	10
7005-72-3	B	4-Chlorophenyl-phenylether	BDL	10	BDL	10	BDL	10	BDL	10
86-73-7	B	Fluorene	BDL	10	BDL	10	BDL	10	BDL	10
100-01-6	B	4-Nitroaniline	BDL	50	BDL	50	BDL	50	BDL	50
534-52-1	B	4,6-Dinitro-2-methylphenol	BDL	50	BDL	50	BDL	50	BDL	50
86-30-6	B	N-Nitrosodiphenylamine(1)	BDL	10	BDL	10	BDL	10	BDL	10
101-55-3	B	4-Bromophenyl-phenylether	BDL	10	BDL	10	BDL	10	BDL	10
118-74-1	B	Hexachlorobenzene	BDL	10	BDL	10	BDL	10	BDL	10
87-88-5	B	Pentachlorophenol	BDL	50	BDL	50	BDL	50	BDL	50
85-01-8	B	Phenanthrene	BDL	10	BDL	10	BDL	10	BDL	10
120-12-7	B	Anthracene	BDL	10	BDL	10	BDL	10	BDL	10
86-74-8	B	Carbazole	BDL	10	BDL	10	BDL	10	BDL	10
84-74-2	B	Di-n-butylphthalate		9		6		7		9
206-44-0	B	Fluoranthene	BDL	10	BDL	10	BDL	10	BDL	10
129-00-0	B	Pyrene	BDL	10	BDL	10	BDL	10	BDL	10
85-68-7	B	Butylbenzylphthalate	BDL	10	BDL	10	BDL	10	BDL	10
91-94-1	B	3,3'-Dichlorobenzidine	BDL	20	BDL	20	BDL	20	BDL	20
56-55-3	B	Benzo(a)anthracene	BDL	10	BDL	10	BDL	10	BDL	10
218-01-9	B	Chrysene	BDL	10	BDL	10	BDL	10	BDL	10
117-81-7	B	bis(2-Ethylhexyl)phthalate	BDL	10	BDL	10	BDL	10	BDL	10
117-84-0	B	Di-n-octylphthalate	BDL	10	BDL	10	BDL	10	BDL	10
205-99-2	B	Benzo(b)fluoranthene	BDL	10	BDL	10	BDL	10	BDL	10
207-06-9	B	Benzo(k)fluoranthene	BDL	10	BDL	10	BDL	10	BDL	10
50-32-8	B	Benzo(a)pyrene	BDL	10	BDL	10	BDL	10	BDL	10
193-39-5	B	Indeno(1,2,3-cd)pyrene	BDL	10	BDL	10	BDL	10	BDL	10
53-70-3	B	Dibenz(a,h)anthracene	BDL	10	BDL	10	BDL	10	BDL	10
191-24-2	B	Benzo(g,h,i)perylene	BDL	10	BDL	10	BDL	10	BDL	10
PESTICIDES										
319-84-6	P	Alpha-BHC	BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05
319-85-7	P	Beta-BHC		0.16	BDL	0.05		0.1	BDL	0.05
319-86-8	P	Delta-BHC	BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05
58-89-9	P	Gamma-BHC (Lindane)	BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05
76-44-8	P	Heptachlor	BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05
309-00-2	P	Aldrin	BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05
1024-57-3	P	Heptachlor epoxide	BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05
959-98-8	P	Endosulfan I	BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05
60-57-1	P	Dieldrin	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
72-55-9	P	4,4'-DDE	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
72-20-8	P	Endrin	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
33213-65-9	P	Endosulfan II	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
72-54-8	P	4,4'-DDD	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
1031-07-8	P	Endosulfan sulfate	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
50-29-3	P	4,4'-DDT	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
72-43-5	P	Methoxychlor	BDL	0.5	BDL	0.5	BDL	0.5	BDL	0.5
53494-70-5	P	Endrin ketone	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
7421-36-3	P	Endrin aldehyde	BDL	0.1	BDL	0.1	BDL	0.1	BDL	0.1
5103-71-9	P	Alpha-Chlordane	BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05
5103-74-2	P	Gamma-Chlordane	BDL	0.05	BDL	0.05	BDL	0.05	BDL	0.05

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD 42MW-3D WATER		INDIAN HEAD 42RB1018 WATER		INDIAN HEAD 42MW3-MS WATER		INDIAN HEAD 42MW3-MSD WATER	
			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		
8001-35-2	P Toxaphene		BDL	5	BDL	5	BDL	5	BDL	5
12674-11-2	P Aroclor-1016		BDL	1	BDL	1	BDL	1	BDL	1
11104-28-2	P Aroclor-1221		BDL	2	BDL	2	BDL	2	BDL	2
11141-16-5	P Aroclor-1232		BDL	1	BDL	1	BDL	1	BDL	1
53469-21-9	P Aroclor-1242		BDL	1	BDL	1	BDL	1	BDL	1
12672-29-6	P Aroclor-1248		BDL	1	BDL	1	BDL	1	BDL	1
11097-69-1	P Aroclor-1254		BDL	1	BDL	1	BDL	1	BDL	1
11096-82-5	P Aroclor-1260		BDL	1	BDL	1	BDL	1	BDL	1
INORGANICS			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
7429-90-5	M Aluminum		510		BDL	200		240		245
7440-38-0	M Antimony		BDL	60	BDL	60	BDL	60	BDL	60
7440-38-2	M Arsenic		BDL	10	BDL	10	BDL	10	BDL	10
7440-39-3	M Barium		BDL	200	BDL	200		240		240
7440-41-7	M Beryllium		BDL	5	BDL	5	BDL	5	BDL	5
7440-43-9	M Cadmium		BDL	5	BDL	5	BDL	5	BDL	5
7440-70-2	M Calcium		8800		BDL	5000		15000		16000
7440-47-3	M Chromium		BDL	10	BDL	10	BDL	10	BDL	10
7440-48-4	M Cobalt		BDL	50	BDL	50	BDL	50	BDL	50
7440-50-8	M Copper		BDL	25	BDL	25	BDL	25	BDL	25
7439-89-6	M Iron		380		BDL	100		21000		22000
7439-92-1	M Lead		5		BDL	3		BDL		3
7439-95-4	M Magnesium		BDL	5000	BDL	5000		5900		6100
7439-96-5	M Manganese		62		BDL	15		6300		6400
7439-97-6	M Mercury		16		BDL	0.2		6.2		7.4
7440-02-0	M Nickel		BDL	40	BDL	40	BDL	40	BDL	40
7440-09-7	M Potassium		BDL	5000	BDL	5000	BDL	5000	BDL	5000
7782-49-2	M Selenium		BDL	5	BDL	5	BDL	5	BDL	5
7440-22-4	M Silver		BDL	10	BDL	10	BDL	10	BDL	10
7440-23-5	M Sodium		1200000		BDL	5000		12000		12000
7440-28-0	M Thallium		BDL	0	BDL	0	BDL	0	BDL	0
7440-62-2	M Vanadium		BDL	50	BDL	50	BDL	50	BDL	50
7440-66-6	M Zinc		BDL	20	BDL	20	BDL	20	BDL	20
	M Cyanide		BDL	0.005	BDL	0.005	BDL		BDL	

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD	
			42RB1015 WATER ug/l	
VOLATILE				
74-87-3	V	Chloromethane	BDL	10
74-83-9	V	Bromomethane	BDL	10
75-01-4	V	Vinyl Chloride	BDL	10
75-00-3	V	Chloroethane	BDL	10
75-09-2	V	Methylene Chloride	BDL	10
67-64-1	V	Acetone	BDL	10
75-15-0	V	Carbon Disulfide	BDL	10
75-35-4	V	1,1-Dichloroethene	BDL	10
75-34-3	V	1,1-Dichloroethane	BDL	10
540-59-0	V	1,2-Dichloroethene (total)	BDL	10
67-66-3	V	Chloroform	BDL	10
107-06-2	V	1,2-Dichloroethane	BDL	10
78-93-3	V	2-Butanone	BDL	10
71-55-6	V	1,1,1-Trichloroethane	BDL	10
56-23-5	V	Carbon Tetrachloride	BDL	10
75-27-4	V	Bromodichloromethane	BDL	10
78-87-5	V	1,2-Dichloropropane	BDL	10
10061-01-5	V	cis-1,3-Dichloropropene	BDL	10
79-01-6	V	Trichloroethene	BDL	10
124-48-1	V	Dibromochloromethane	BDL	10
79-00-5	V	1,1,2-Trichloroethane	BDL	10
71-43-2	V	Benzene	BDL	10
10061-02-6	V	Trans-1,3-Dichloropropene	BDL	10
75-25-2	V	Bromoform	BDL	10
108-10-1	V	4-Methyl-2-Pentanone	BDL	10
591-78-6	V	2-Hexanone	BDL	10
127-18-4	V	Tetrachloroethene	BDL	10
79-34-5	V	1,1,2,2-Tetrachloroethane	BDL	10
108-88-3	V	Toluene	BDL	10
108-90-7	V	Chlorobenzene	BDL	10
100-41-4	V	Ethylbenzene	BDL	10
100-42-5	V	Styrene	BDL	10
1330-20-7	V	Xylenes (Total)	BDL	10
SEMI-VOLATILE				
108-95-2	A	Phenol	BDL	10
111-44-4	A	Bis(2-Chloroethyl) ether	BDL	10
95-57-8	A	2-Chlorophenol	BDL	10
541-73-1	A	1,3-Dichlorobenzene	BDL	10
106-46-7	A	1,4-Dichlorobenzene	BDL	10
95-50-1	A	1,2-Dichlorobenzene	BDL	10
95-48-7	A	2-Methylphenol	BDL	10
108-60-1	A	2,2'-oxybis(1-Chloropropane)	BDL	10
106-44-5	A	4-Methylphenol	BDL	10
621-64-7	A	N-Nitroso-di-n-propylamine	BDL	10
67-72-1	A	Hexachloroethane	BDL	10
98-95-3	A	Nitrobenzene	BDL	10
78-59-1	A	Isophorone	BDL	10
88-75-5	A	2-Nitrophenol	BDL	10
105-67-9	A	2,4-Dimethylphenol	BDL	10
111-91-1	A	Bis(2-Chloroethoxy)methane	BDL	10
120-83-2	A	2,4-Dichlorophenol	BDL	10
120-82-1	A	1,2,4-Trichlorobenzene	BDL	10
91-20-3	A	Naphthalene	BDL	10
106-47-8	A	4-Chloroaniline	BDL	10
87-68-3	A	Hexachlorobutadiene	BDL	10
59-50-7	A	4-Chloro-3-methylphenol	BDL	10
91-57-6	A	2-Methylnaphthalene	BDL	10
77-47-4	A	Hexachlorocyclopentadiene	BDL	10
88-06-2	A	2,4,6-Trichlorophenol	BDL	10

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD	
			42RB1015 WATER ug/l	
95-95-4	A	2,4,5-Trichlorophenol	BDL	50
91-58-7	A	2-Chloronaphthalene	BDL	10
88-74-4	A	2-Nitroaniline	BDL	50
131-11-3	A	Dimethylphthalate	BDL	10
208-96-8	A	Acenaphthylene	BDL	10
606-20-2	A	2,6-Dinitrotoluene	BDL	10
99-09-2	A	3-Nitroaniline	BDL	50
83-32-9	A	Acenaphthene	BDL	10
51-28-5	B	2,4-Dinitrophenol	BDL	50
100-02-7	B	4-Nitrophenol	BDL	50
132-84-9	B	Dibenzofuran	BDL	10
121-14-2	B	2,4-Dinitrotoluene	BDL	10
84-86-2	B	Diethylphthalate	BDL	10
7005-72-3	B	4-Chlorophenyl-phenylether	BDL	10
86-73-7	B	Fluorene	BDL	10
100-01-6	B	4-Nitroaniline	BDL	50
534-52-1	B	4,6-Dinitro-2-methylphenol	BDL	50
86-30-6	B	N-Nitrosodiphenylamine(1)	BDL	10
101-55-3	B	4-Bromophenyl-phenylether	BDL	10
118-74-1	B	Hexachlorobenzene	BDL	10
87-86-5	B	Pentachlorophenol	BDL	50
85-01-8	B	Phenanthrene	BDL	10
120-12-7	B	Anthracene	BDL	10
86-74-8	B	Carbazole	BDL	10
84-74-2	B	Di-n-butylphthalate	BDL	10
206-44-0	B	Fluoranthene	BDL	10
129-00-0	B	Pyrene	BDL	10
85-68-7	B	Butylbenzylphthalate	BDL	10
91-94-1	B	3,3'-Dichlorobenzidine	BDL	20
56-55-3	B	Benzo(a)anthracene	BDL	10
218-01-9	B	Chrysene	BDL	10
117-81-7	B	bis(2-Ethylhexyl)phthalate	BDL	10
117-84-0	B	Di-n-octylphthalate	BDL	10
205-99-2	B	Benzo(b)fluoranthene	BDL	10
207-08-9	B	Benzo(k)fluoranthene	BDL	10
50-32-8	B	Benzo(a)pyrene	BDL	10
193-39-5	B	Indeno(1,2,3-cd)pyrene	BDL	10
53-70-3	B	Dibenz(a,h)anthracene	BDL	10
191-24-2	B	Benzo(g,h,i)perylene	BDL	10
PESTICIDES				
319-84-6	P	Alpha-BHC	BDL	0.05
319-85-7	P	Beta-BHC	BDL	0.05
319-86-8	P	Delta-BHC	BDL	0.05
58-89-9	P	Gamma-BHC (Lindane)	BDL	0.05
78-44-8	P	Heptachlor	BDL	0.05
309-00-2	P	Aldrin	BDL	0.05
1024-57-3	P	Heptachlor epoxide	BDL	0.05
959-98-8	P	Endosulfan I	BDL	0.05
80-57-1	P	Dieldrin	BDL	0.1
72-55-9	P	4,4'-DDE	BDL	0.1
72-20-8	P	Endrin	BDL	0.1
33213-65-9	P	Endosulfan II	BDL	0.1
72-54-8	P	4,4'-DDD	BDL	0.1
1031-07-8	P	Endosulfan sulfate	BDL	0.1
50-29-3	P	4,4'-DDT	BDL	0.1
72-43-5	P	Methoxychlor	BDL	0.5
53494-70-5	P	Endrin ketone	BDL	0.1
7421-36-3	P	Endrin aldehyde	BDL	0.1
5103-71-9	P	Alpha-Chlordane	BDL	0.05
5103-74-2	P	Gamma-Chlordane	BDL	0.05

Phase I Site Inspection, NOS Indian Head, MD Groundwater Sample

CAS. NO.	CL	SITE SAMPLE MATRIX UNITS	INDIAN HEAD	
			42RB1015 WATER	ug/l
8001-35-2	P Toxaphene		BDL	5
12674-11-2	P Aroclor-1016		BDL	1
11104-28-2	P Aroclor-1221		BDL	2
11141-16-5	P Aroclor-1232		BDL	1
53469-21-9	P Aroclor-1242		BDL	1
12672-29-6	P Aroclor-1248		BDL	1
11097-69-1	P Aroclor-1254		BDL	1
11096-82-5	P Aroclor-1260		BDL	1
INORGANICS			ug/l	
7429-90-5	M Aluminum		BDL	200
7440-38-0	M Antimony		BDL	60
7440-38-2	M Arsenic		BDL	10
7440-39-3	M Barium		BDL	200
7440-41-7	M Beryllium		BDL	5
7440-43-9	M Cadmium		BDL	5
7440-70-2	M Calcium		BDL	5000
7440-47-3	M Chromium		BDL	10
7440-48-4	M Cobalt		BDL	50
7440-50-8	M Copper		BDL	25
7439-89-6	M Iron		1200	
7439-92-1	M Lead		BDL	3
7439-95-4	M Magnesium		BDL	5000
7439-96-5	M Manganese		25	
7439-97-6	M Mercury		BDL	0.2
7440-02-0	M Nickel		BDL	40
7440-09-7	M Potassium		BDL	5000
7782-49-2	M Selenium		BDL	5
7440-22-4	M Silver		BDL	10
7440-23-5	M Sodium		116000	
7440-28-0	M Thallium		BDL	0
7440-62-2	M Vanadium		BDL	50
7440-66-6	M Zinc		23	
	M Cyanide		BDL	0.005

STAGE 2 DATA

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42MW-1 0812.5/1253.3 03/17/92 WATER ug/l			INDIAN HEAD 42MW1D 0915.0/1254.1 03/17/92 WATER ug/l			INDIAN HEAD 42MW-2 0916.8/1257.6 03/17/92 WATER ug/l		
VOLATILES											
74-87-3	V	Chloromethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
74-83-9	V	Bromomethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
75-01-4	V	Vinyl Chloride	BMDL	10	U	BMDL	10	U	BMDL	10	U
75-00-3	V	Chloroethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
75-09-2	V	Methylene Chloride	BMDL	10	U	BMDL	10	U	BMDL	10	U
67-64-1	V	Acetone	BMDL	10	U	BMDL	10	U	BMDL	10	U
75-15-0	V	Carbon Disulfide	BMDL	10	U	BMDL	10	U	BMDL	10	U
75-35-4	V	1,1-Dichloroethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
75-34-3	V	1,1-Dichloroethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
540-59-0	V	1,2-Dichloroethane (total)	BMDL	10	U	BMDL	10	U	BMDL	10	U
67-66-3	V	Chloroform	BMDL	10	U	BMDL	10	U	BMDL	10	U
107-06-2	V	1,2-Dichloroethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
78-93-3	V	2-Butanone	BMDL	10	U	BMDL	10	U	BMDL	10	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
56-23-5	V	Carbon Tetrachloride	BMDL	10	U	BMDL	10	U	BMDL	10	U
75-27-4	V	Bromochloromethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
78-87-5	V	1,2-Dichloropropane	BMDL	10	U	BMDL	10	U	BMDL	10	U
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	10	U	BMDL	10	U	BMDL	10	U
79-01-6	V	Trichloroethene	BMDL	10	U	BMDL	10	U	BMDL	10	U
124-48-1	V	Dibromochloromethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
71-43-2	V	Benzene	BMDL	10	U	BMDL	10	U		1	J
10061-02-6	V	trans-1,3-Dichloropropene	BMDL	10	U	BMDL	10	U	BMDL	10	U
75-25-2	V	Bromoform	BMDL	10	U	BMDL	10	U	BMDL	10	U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	10	U	BMDL	10	U	BMDL	10	U
591-78-6	V	2-Hexanone	BMDL	10	U	BMDL	10	U	BMDL	10	U
127-18-4	V	Tetrachloroethene	BMDL	10	U	BMDL	10	U	BMDL	10	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
108-88-3	V	Toluene	BMDL	10	U	BMDL	10	U	BMDL	10	U
108-90-7	V	Chlorobenzene	BMDL	10	U	BMDL	10	U	BMDL	10	U
100-41-4	V	Ethylbenzene	BMDL	10	U	BMDL	10	U	BMDL	10	U
100-42-5	V	Styrene	BMDL	10	U	BMDL	10	U	BMDL	10	U
1330-20-7	V	Xylene (total)	BMDL	10	U	BMDL	10	U	BMDL	10	U
SEMI-VOLATILES											
			4/02/92				4/02/92				4/02/92
108-95-2	B	Phenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	10	U	BMDL	10	U	BMDL	10	U
95-57-8	B	2-Chlorophenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
541-73-1	B	1,3-Dichlorobenzene	BMDL	10	U	BMDL	10	U	BMDL	10	U
106-46-7	B	1,4-Dichlorobenzene	BMDL	10	U	BMDL	10	U	BMDL	10	U
95-50-1	B	1,2-Dichlorobenzene	BMDL	10	U	BMDL	10	U	BMDL	10	U
95-48-7	B	2-Methylphenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
108-60-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	10	U	BMDL	10	U	BMDL	10	U
106-44-6	B	4-Methylphenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
621-64-7	B	N-Nitroso-di-n-propylamine	BMDL	10	U	BMDL	10	U	BMDL	10	U
67-72-1	B	Hexachloroethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
98-95-3	B	Nitrobenzene	BMDL	10	U	BMDL	10	U	BMDL	10	U
78-59-1	B	Isophorone	BMDL	10	U	BMDL	10	U	BMDL	10	U
68-75-5	B	2-Nitrophenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
105-67-9	B	2,4-Dimethylphenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	10	U	BMDL	10	U	BMDL	10	U
120-83-2	B	2,4-Dichlorophenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	10	U	BMDL	10	U	BMDL	10	U
91-20-3	B	Naphthalene	BMDL	10	U	BMDL	10	U	BMDL	10	U
106-47-8	B	4-Chloroaniline	BMDL	10	U	BMDL	10	U	BMDL	10	U
87-68-3	B	Hexachlorobutadiene	BMDL	10	U	BMDL	10	U	BMDL	10	U
59-50-7	B	4-Chloro-3-methylphenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
91-57-6	B	2-Methylnaphthalene	BMDL	10	U	BMDL	10	U	BMDL	10	U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	10	U	BMDL	10	U	BMDL	10	U
88-06-2	B	2,4,6-Trichlorophenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	25	U	BMDL	25	U	BMDL	25	U
91-58-7	B	2-Chloronaphthalene	BMDL	10	U	BMDL	10	U	BMDL	10	U
68-74-4	B	2-Nitroaniline	BMDL	25	U	BMDL	25	U	BMDL	25	U
131-11-3	B	Dimethylphthalate	BMDL	10	U	BMDL	10	U	BMDL	10	U
208-96-8	B	Acenaphthylene	BMDL	10	U	BMDL	10	U	BMDL	10	U
606-20-2	B	2,6-Dinitrotoluene	BMDL	10	U	BMDL	10	U	BMDL	10	U
99-09-2	B	3-Nitroaniline	BMDL	25	U	BMDL	25	U	BMDL	25	U
83-32-9	B	Acenaphthene	BMDL	10	U	BMDL	10	U	BMDL	10	U
51-28-5	B	2,4-Dinitrophenol	BMDL	25	U	BMDL	25	U	BMDL	25	U
100-02-7	B	4-Nitrophenol	BMDL	25	U	BMDL	25	U	BMDL	25	U
132-64-9	B	Dibenzofuran	BMDL	10	U	BMDL	10	U	BMDL	10	U
121-14-2	B	2,4-Dinitrotoluene	BMDL	10	U	BMDL	10	U	BMDL	10	U
84-66-2	B	Diethylphthalate	BMDL	10	U	BMDL	10	U	BMDL	10	U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	10	U	BMDL	10	U	BMDL	10	U
86-73-7	B	Fluorene	BMDL	10	U	BMDL	10	U	BMDL	10	U
100-01-6	B	4-Nitroaniline	BMDL	25	U	BMDL	25	U	BMDL	25	U
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	25	U	BMDL	25	U	BMDL	25	U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42MW-1 0912.5/1253.3 03/17/92 WATER ug/l		INDIAN HEAD 42MW1D 0915.0/1254.1 03/17/92 WATER ug/l		INDIAN HEAD 42MW-2 0916.8/1257.6 03/17/92 WATER ug/l	
88-30-6	B	N-Nitrosodiphenylamine	BMDL	10 U	BMDL	10 U	BMDL	10 U
101-55-3	B	4-Bromophenyl-phenylether	BMDL	10 U	BMDL	10 U	BMDL	10 U
118-74-1	B	Hexachlorobenzene	BMDL	10 U	BMDL	10 U	BMDL	10 U
87-86-5	B	Pentachlorophenol	BMDL	25 U	BMDL	25 U	BMDL	25 U
85-01-8	B	Phenanthrene	BMDL	10 U	BMDL	10 U	BMDL	10 U
120-12-7	B	Anthracene	BMDL	10 U	BMDL	10 U	BMDL	10 U
85-74-8	B	Carbazole	BMDL	10 U	BMDL	10 U	BMDL	10 U
84-74-2	B	Di-n-butylphthalate	BMDL	10 U	BMDL	10 U	BMDL	10 U
206-44-0	B	Fluoranthene	BMDL	10 U	BMDL	10 U	BMDL	10 U
129-00-0	B	Pyrene	BMDL	10 U	BMDL	10 U	BMDL	10 U
85-66-7	B	Butylbenzylphthalate	BMDL	10 U	BMDL	10 U	BMDL	10 U
91-94-1	B	3,3'-Dichlorobenzidine	BMDL	10 U	BMDL	10 U	BMDL	10 U
56-55-3	B	Benzo(a)anthracene	BMDL	10 U	BMDL	10 U	BMDL	10 U
218-01-9	B	Chrysene	BMDL	10 U	BMDL	10 U	BMDL	10 U
117-81-7	B	bis(2-Ethylhexyl)phthalate	BMDL	10 U	BMDL	10 U	BMDL	10 U
117-84-0	B	Di-n-octylphthalate	BMDL	10 U	BMDL	10 U	BMDL	10 U
205-99-2	B	Benzo(b)fluoranthene	BMDL	10 U	BMDL	10 U	BMDL	10 U
207-08-9	B	Benzo(k)fluoranthene	BMDL	10 U	BMDL	10 U	BMDL	10 U
50-32-8	B	Benzo(a)pyrene	BMDL	10 U	BMDL	10 U	BMDL	10 U
183-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	10 U	BMDL	10 U	BMDL	10 U
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	10 U	BMDL	10 U	BMDL	10 U
191-24-2	B	Benzo(g,h,i)perylene	BMDL	10 U	BMDL	10 U	BMDL	10 U
PESTICIDES								
319-84-6	P	Alpha-BHC	BMDL	0.05 U	BMDL	0.05 U	BMDL	0.05 U
319-85-7	P	Beta-BHC	BMDL	0.05 U	BMDL	0.05 U	BMDL	0.05 U
319-86-8	P	Delta-BHC	BMDL	0.05 U	BMDL	0.05 U	BMDL	0.05 U
58-89-9	P	Gamma-BHC	BMDL	0.05 U	BMDL	0.05 U	BMDL	0.05 U
76-44-8	P	Heptachlor	BMDL	0.05 U	BMDL	0.05 U	BMDL	0.05 U
309-00-2	P	Aldrin	BMDL	0.05 U	BMDL	0.05 U	BMDL	0.05 U
1024-57-3	P	Heptachlor Epoxide	BMDL	0.05 U	BMDL	0.05 U	BMDL	0.05 U
959-98-8	P	Endosulfan I	BMDL	0.05 U	BMDL	0.05 U	BMDL	0.05 U
60-67-1	P	Dieldrin	BMDL	0.1 U	BMDL	0.1 U	BMDL	0.1 U
72-55-9	P	4,4'-DDE	BMDL	0.1 U	BMDL	0.1 U	BMDL	0.1 U
72-20-8	P	Endrin	BMDL	0.1 U	BMDL	0.1 U	BMDL	0.1 U
33213-65-9	P	Endosulfan II	BMDL	0.1 U	BMDL	0.1 U	BMDL	0.1 U
72-54-8	P	4,4'-DDD	BMDL	0.1 U	BMDL	0.1 U	BMDL	0.1 U
1031-07-8	P	Endosulfan Sulfate	BMDL	0.1 U	BMDL	0.1 U	BMDL	0.1 U
50-29-3	P	4,4'-DDT	BMDL	0.1 U	BMDL	0.048 JP	BMDL	0.1 U
72-43-5	P	Methoxychlor	BMDL	0.5 U	BMDL	0.5 U	BMDL	0.5 U
53494-70-5	P	Endrin Ketone	BMDL	0.1 U	BMDL	0.1 U	BMDL	0.1 U
7421-36-3	P	Endrin Aldehyde	BMDL	0.1 U	BMDL	0.1 U	BMDL	0.1 U
5103-71-9	P	alpha-Chlordane	BMDL	0.05 U	BMDL	0.05 U	BMDL	0.05 U
5103-74-2	P	gamma-Chlordane	BMDL	0.05 U	BMDL	0.05 U	BMDL	0.05 U
8001-35-2	P	Toxaphene	BMDL	5 U	BMDL	5 U	BMDL	5 U
12674-11-2	P	Arochlor-1016	BMDL	1 U	BMDL	1 U	BMDL	1 U
11104-28-2	P	Arochlor-1221	BMDL	2 U	BMDL	2 U	BMDL	2 U
11141-16-6	P	Arochlor-1232	BMDL	1 U	BMDL	1 U	BMDL	1 U
53469-21-9	P	Arochlor-1242	BMDL	1 U	BMDL	1 U	BMDL	1 U
12672-29-6	P	Arochlor-1248	BMDL	1 U	BMDL	1 U	BMDL	1 U
11097-89-1	P	Arochlor-1254	BMDL	1 U	BMDL	1 U	BMDL	1 U
11096-82-5	P	Arochlor-1260	BMDL	1 U	BMDL	1 U	BMDL	1 U
INORGANIC UNITS								
7429-90-5	I	Aluminum		46700		73800		11900
7440-36-0	I	Antimony	BMDL	3 U		6.2 B		9.9 B
7440-38-2	I	Arsenic		5.8 B		4.6 B		31 B
7440-39-3	I	Barium		495		590		293
7440-41-7	I	Beryllium		3.7 B		4.6 B		2.2 B
7440-43-9	I	Cadmium		1.6 B		2.2 B		3 B
7440-70-2	I	Calcium		8290		9340		6820
7440-47-3	I	Chromium		103		140		39.1
7440-48-4	I	Cobalt		49.4 B		60.8		40.8 B
7440-50-8	I	Copper		72.4		83.7		60.5
7439-89-6	I	Iron		106000		128000		39800
7439-92-1	I	Lead		33.4		47.4		25.7
7439-95-4	I	Magnesium		9730		11900		6500
7439-96-5	I	Manganese		1090		1220		854
7439-97-6	I	Mercury		5.5		6		9
7440-02-0	I	Nickel		103		124		57
7440-09-7	I	Potassium		7160		10100		2230 B
7782-49-2	I	Selenium	BMDL	10 U	BMDL	10 U	BMDL	10 U
7440-22-4	I	Silver		4.6 B		5 B		2 U
7440-23-5	I	Sodium		17000		17300		56400
7440-28-0	I	Thallium	BMDL	1 U	BMDL	1 U	BMDL	1 U
7440-62-2	I	Vanadium		127		173		48.2 B
7440-66-6	I	Zinc		275		330		243
	I	Cyanide	BMDL	10 U	BMDL	10 U	BMDL	10 U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID FACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42MW-3 0917.6/1258.4 03/17/92 WATER ug/l			INDIAN HEAD 42MW-4 0918.4/1259.2 03/17/92 WATER ug/l			INDIAN HEAD 42MW-4REDL 0918.4 03/17/92 WATER ug/l			
VOLATILES												
74-87-3	V	Chloromethane	BMDL	10	U	BMDL	10	U	BMDL	250	U	
74-83-9	V	Bromomethane	BMDL	10	U	BMDL	10	U	BMDL	250	U	
75-01-4	V	Vinyl Chloride	BMDL	10	U	BMDL	10	U	BMDL	250	U	
75-00-3	V	Chloroethane	BMDL	10	U	BMDL	10	U	BMDL	250	U	
75-09-2	V	Methylene Chloride	BMDL	10	U	BMDL	10	U	BMDL	250	U	
67-64-1	V	Acetone	BMDL	10	U	BMDL	10	U	BMDL	250	U	
75-15-0	V	Carbon Disulfide	BMDL	10	U	BMDL	10	U	BMDL	250	U	
75-35-4	V	1,1-Dichloroethane	BMDL	10	U	BMDL	10	U	BMDL	250	U	
75-34-3	V	1,1-Dichloroethane	BMDL	10	U	BMDL	10	U	BMDL	250	U	
540-59-0	V	1,2-Dichloroethane (total)	BMDL	10	U	BMDL	10	U	BMDL	250	U	
67-66-3	V	Chloroform	BMDL	10	U	BMDL	10	U	BMDL	250	U	
107-06-2	V	1,2-Dichloroethane	BMDL	10	U	BMDL	10	U	BMDL	250	U	
78-93-3	V	2-Butanone	BMDL	10	U	BMDL	10	U	BMDL	250	U	
71-55-6	V	1,1,1-Trichloroethane	BMDL	10	U	BMDL	10	U	BMDL	250	U	
56-23-5	V	Carbon Tetrachloride	BMDL	10	U	BMDL	10	U	BMDL	250	U	
75-27-4	V	Bromodichloromethane	BMDL	10	U	BMDL	10	U	BMDL	250	U	
78-87-5	V	1,2-Dichloropropane	BMDL	10	U	BMDL	10	U	BMDL	250	U	
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	10	U	BMDL	10	U	BMDL	250	U	
79-01-6	V	Trichloroethane	BMDL	10	U		2300	E		4900	D	
124-48-1	V	Dibromochloromethane	BMDL	10	U	BMDL	10	U	BMDL	250	U	
79-00-5	V	1,1,2-Trichloroethane	BMDL	10	U	BMDL	10	U	BMDL	250	U	
71-43-2	V	Benzene	BMDL	10	U	BMDL	10	U	BMDL	250	U	
10061-02-6	V	trans-1,3-Dichloropropene	BMDL	10	U	BMDL	10	U	BMDL	250	U	
75-25-2	V	Bromoform	BMDL	10	U	BMDL	10	U	BMDL	250	U	
108-10-1	V	4-Methyl-2-Pentanone	BMDL	10	U	BMDL	10	U	BMDL	250	U	
591-78-6	V	2-Hexanone	BMDL	10	U	BMDL	10	U	BMDL	250	U	
127-18-4	V	Tetrachloroethene	BMDL	10	U		2	J		BMDL	250	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	10	U	BMDL	10	U	BMDL	250	U	
108-88-3	V	Toluene	BMDL	10	U	BMDL	10	U	BMDL	250	U	
108-90-7	V	Chlorobenzene	BMDL	10	U	BMDL	10	U	BMDL	250	U	
100-41-4	V	Ethylbenzene	BMDL	10	U	BMDL	10	U	BMDL	250	U	
100-42-5	V	Styrene	BMDL	10	U	BMDL	10	U	BMDL	250	U	
1330-20-7	V	Xylene (total)	BMDL	10	U	BMDL	10	U	BMDL	250	U	
SEMI-VOLATILES			4/02/92			4/02/92						
108-95-2	B	Phenol	BMDL	10	U	BMDL	10	U	SAMPLE WAS RE-ANALYZED FOR VOLATILE ONLY.			
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	10	U	BMDL	10	U				
95-57-8	B	2-Chlorophenol	BMDL	10	U	BMDL	10	U				
541-73-1	B	1,3-Dichlorobenzene	BMDL	10	U	BMDL	10	U				
106-46-7	B	1,4-Dichlorobenzene	BMDL	10	U	BMDL	10	U				
95-50-1	B	1,2-Dichlorobenzene	BMDL	10	U	BMDL	10	U				
95-48-7	B	2-Methylphenol	BMDL	10	U	BMDL	10	U				
108-60-1	B	2,2-oxylbis(1-Chloropropene)	BMDL	10	U	BMDL	10	U				
106-44-5	B	4-Methylphenol	BMDL	10	U	BMDL	10	U				
621-64-7	B	N-Nitroso-d-n-propylamine	BMDL	10	U	BMDL	10	U				
67-72-1	B	Hexachloroethane	BMDL	10	U	BMDL	10	U				
98-95-3	B	Nitrobenzene	BMDL	10	U	BMDL	10	U				
78-59-1	B	Isophorone	BMDL	10	U	BMDL	10	U				
88-75-5	B	2-Nitrophenol	BMDL	10	U	BMDL	10	U				
105-67-9	B	2,4-Dimethylphenol	BMDL	10	U	BMDL	10	U				
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	10	U	BMDL	10	U				
120-83-2	B	2,4-Dichlorophenol	BMDL	10	U	BMDL	10	U				
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	10	U	BMDL	10	U				
91-20-3	B	Naphthalene	BMDL	10	U	BMDL	10	U				
106-47-8	B	4-Chloroaniline	BMDL	10	U	BMDL	10	U				
87-68-3	B	Hexachlorobutadiene	BMDL	10	U	BMDL	10	U				
59-50-7	B	4-Chloro-3-methylphenol	BMDL	10	U	BMDL	10	U				
91-57-6	B	2-Methylnaphthalene	BMDL	10	U	BMDL	10	U				
77-47-4	B	Hexachlorocyclopentadiene	BMDL	10	U	BMDL	10	U				
88-06-2	B	2,4,6-Trichlorophenol	BMDL	10	U	BMDL	10	U				
95-95-4	B	2,4,5-Trichlorophenol	BMDL	25	U	BMDL	25	U				
91-58-7	B	2-Chloronaphthalene	BMDL	10	U	BMDL	10	U				
88-74-4	B	2-Nitroaniline	BMDL	25	U	BMDL	25	U				
131-11-3	B	Dimethylphthalate	BMDL	10	U	BMDL	10	U				
208-96-8	B	Acenaphthylene	BMDL	10	U	BMDL	10	U				
606-20-2	B	2,6-Dinitrotoluene	BMDL	10	U	BMDL	10	U				
99-09-2	B	3-Nitroaniline	BMDL	25	U	BMDL	25	U				
83-32-9	B	Acenaphthene	BMDL	10	U	BMDL	10	U				
51-28-5	B	2,4-Dinitrophenol	BMDL	25	U	BMDL	25	U				
100-02-7	B	4-Nitrophenol	BMDL	25	U	BMDL	25	U				
132-84-9	B	Dibenzofuran	BMDL	10	U	BMDL	10	U				
121-14-2	B	2,4-Dinitrotoluene	BMDL	10	U	BMDL	10	U				
84-66-2	B	Diethylphthalate	BMDL	10	U	BMDL	10	U				
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	10	U	BMDL	10	U				
86-73-7	B	Fluorene	BMDL	10	U	BMDL	10	U				
100-01-6	B	4-Nitroaniline	BMDL	25	U	BMDL	25	U				
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	25	U	BMDL	25	U				

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PAGE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42MW-3 0917.8/1258.4 03/17/92 WATER ug/l			INDIAN HEAD 42MW-4 0918.4/1259.2 03/17/92 WATER ug/l			INDIAN HEAD 42MW-4REDL 0918.4 03/17/92 WATER ug/l		
86-30-6	B	N-Nitrosodiphenylamine	BMDL	10	U	BMDL	10	U			
101-55-3	B	4-Bromophenyl-phenylether	BMDL	10	U	BMDL	10	U			
118-74-1	B	Hexachlorobenzene	BMDL	10	U	BMDL	10	U			
87-86-5	B	Pentachlorophenol	BMDL	25	U	BMDL	25	U			
85-01-8	B	Phenanthrene	BMDL	10	U	BMDL	10	U			
120-12-7	B	Anthracene	BMDL	10	U	BMDL	10	U			
86-74-8	B	Carbazole	BMDL	10	U	BMDL	10	U			
84-74-2	B	Di-n-butylphthalate	BMDL	10	U	BMDL	10	U			
206-44-0	B	Fluoranthene	BMDL	10	U	BMDL	10	U			
129-00-0	B	Pyrene	BMDL	10	U	BMDL	10	U			
85-08-7	B	Butylbenzylphthalate	BMDL	10	U	BMDL	10	U			
91-94-1	B	3,3'-Dichlorobenzidine	BMDL	10	U	BMDL	10	U			
56-55-3	B	Benzo(a)anthracene	BMDL	10	U	BMDL	10	U			
218-01-8	B	Chrysene	BMDL	10	U	BMDL	10	U			
117-81-7	B	bis(2-Ethylhexyl)phthalate	BMDL	10	U	BMDL	10	U			
117-84-0	B	Di-n-octylphthalate	BMDL	10	U	BMDL	10	U			
205-99-2	B	Benzo(b)fluoranthene	BMDL	10	U	BMDL	10	U			
207-06-9	B	Benzo(k)fluoranthene	BMDL	10	U	BMDL	10	U			
50-32-8	B	Benzo(a)pyrene	BMDL	10	U	BMDL	10	U			
183-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	10	U	BMDL	10	U			
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	10	U	BMDL	10	U			
191-24-2	B	Benzo(g,h,i)perylene	BMDL	10	U	BMDL	10	U			
PESTICIDES											
319-84-6	P	Alpha-BHC	BMDL	0.05	U	BMDL	0.05	U	SAMPLE WAS RE-ANALYZED FOR VOLATILE ONLY.		
319-85-7	P	Beta-BHC	BMDL	0.05	U	BMDL	0.05	U			
319-86-8	P	Delta-BHC	BMDL	0.05	U	BMDL	0.05	U			
58-89-9	P	Gamma-BHC	BMDL	0.05	U	BMDL	0.05	U			
76-44-8	P	Heptachlor	BMDL	0.05	U	BMDL	0.05	U			
309-00-2	P	Aldrin	BMDL	0.05	U	BMDL	0.05	U			
1024-57-3	P	Heptachlor Epoxide	BMDL	0.05	U	BMDL	0.05	U			
959-98-8	P	Endosulfan I	BMDL	0.05	U	BMDL	0.05	U			
60-57-1	P	Dieldrin	BMDL	0.1	U	BMDL	0.1	U			
72-55-9	P	4,4'-DDE	BMDL	0.1	U	BMDL	0.1	U			
72-20-6	P	Endrin	BMDL	0.1	U	BMDL	0.1	U			
33213-65-0	P	Endosulfan II	BMDL	0.1	U	BMDL	0.1	U			
72-54-8	P	4,4'-DDD	BMDL	0.1	U	BMDL	0.1	U			
1031-07-8	P	Endosulfan Sulfate	BMDL	0.1	U	BMDL	0.1	U			
50-29-3	P	4,4'-DDT	BMDL	0.1	U	BMDL	0.1	U			
72-43-5	P	Methoxychlor	BMDL	0.5	U	BMDL	0.5	U			
53494-70-5	P	Endrin Ketone	BMDL	0.1	U	BMDL	0.1	U			
7421-36-3	P	Endrin Aldehyde	BMDL	0.1	U	BMDL	0.1	U			
5103-71-9	P	alpha-Chlordane	BMDL	0.05	U	BMDL	0.05	U			
5103-74-2	P	gamma-Chlordane	BMDL	0.05	U	BMDL	0.05	U			
8001-35-2	P	Toxaphene	BMDL	5	U	BMDL	5	U			
12674-11-2	P	Arochlor-1016	BMDL	1	U	BMDL	1	U			
11104-28-2	P	Arochlor-1221	BMDL	2	U	BMDL	2	U			
11141-16-5	P	Arochlor-1232	BMDL	1	U	BMDL	1	U			
53469-21-0	P	Arochlor-1242	BMDL	1	U	BMDL	1	U			
12672-29-6	P	Arochlor-1248	BMDL	1	U	BMDL	1	U			
11097-66-1	P	Arochlor-1254	BMDL	1	U	BMDL	1	U			
11096-82-5	P	Arochlor-1260	BMDL	1	U	BMDL	1	U			
INORGANIC UNITS											
7429-90-5		Aluminum		17000			4190		SAMPLE WAS RE-ANALYZED FOR VOLATILE ONLY.		
7440-38-0		Antimony	BMDL	3	U		6.4	B			
7440-38-2		Arsenic		3	B		1.6	B			
7440-39-3		Barium		447			99.2	B			
7440-41-7		Beryllium	BMDL	2	U	BMDL	2	U			
7440-43-9		Cadmium	BMDL	1	U	BMDL	1	U			
7440-70-2		Calcium		15800			8040				
7440-47-3		Chromium		22.6			11.3				
7440-48-4		Cobalt		24.3	B		4.4	B			
7440-50-8		Copper		15.5	B		5.3	B			
7439-89-6		Iron		59200			11200				
7439-92-1		Lead		13			3.1				
7439-95-4		Magnesium		7570			2470	B			
7439-96-5		Manganese		7090			333				
7439-97-6		Mercury		3.2			2.9				
7440-02-0		Nickel		17.5	B		20	B			
7440-06-7		Potassium		3110	B		10700				
7782-49-2		Selenium	BMDL	10	U	BMDL	10	U			
7440-22-4		Silver	BMDL	2	U	BMDL	2	U			
7440-23-5		Sodium		12800			25600				
7440-28-0		Thallium	BMDL	1	U	BMDL	1	U			
7440-62-2		Vanadium		34.3	B		8.5	B			
7440-66-6		Zinc		74.2			52				
		Cyanide	BMDL	10	U	BMDL	10	U			

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	VOLATILES	LOCATION			INDIAN HEAD		
			DATE OF ANALYSIS	MATRIX	UNITS	INDIAN HEAD	INDIAN HEAD	INDIAN HEAD
			42MW-5	42MW-5DL	42MW-6	0919.2	0919.2	0920.6/1261.2
			03/17/92	03/17/92	03/17/92	WATER	WATER	WATER
			ug/l	ug/l	ug/l			
74-87-3	V	Chloromethane	BMDL	10 U	SAMPLE WAS ANALYZED FOR PESTICIDES ONLY.	BMDL	10 U	
74-83-9	V	Bromomethane	BMDL	10 U		BMDL	10 U	
75-01-4	V	Vinyl Chloride	BMDL	10 U		BMDL	10 U	
75-00-3	V	Chloroethane	BMDL	10 U		BMDL	10 U	
75-09-2	V	Methylene Chloride	BMDL	10 U		BMDL	10 U	
67-64-1	V	Acetone	BMDL	10 U		BMDL	10 U	
75-15-0	V	Carbon Disulfide	BMDL	10 U		BMDL	10 U	
75-35-4	V	1,1-Dichloroethane	BMDL	10 U		BMDL	10 U	
75-34-3	V	1,1-Dichloroethane	BMDL	10 U		BMDL	10 U	
540-59-0	V	1,2-Dichloroethane (total)	BMDL	10 U		BMDL	10 U	
67-66-3	V	Chloroform	BMDL	10 U		BMDL	10 U	
107-08-2	V	1,2-Dichloroethane	BMDL	10 U		BMDL	10 U	
78-93-3	V	2-Butanone	BMDL	10 U		BMDL	10 U	
71-55-6	V	1,1,1-Trichloroethane	BMDL	10 U		BMDL	10 U	
56-23-5	V	Carbon Tetrachloride	BMDL	10 U		BMDL	10 U	
75-27-4	V	Bromodichloromethane	BMDL	10 U		BMDL	10 U	
78-87-5	V	1,2-Dichloropropane	BMDL	10 U		BMDL	10 U	
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	10 U		BMDL	10 U	
79-01-6	V	Trichloroethane		3 J		BMDL	10 U	
124-48-1	V	Dibromochloromethane	BMDL	10 U		BMDL	10 U	
79-00-5	V	1,1,2-Trichloroethane	BMDL	10 U		BMDL	10 U	
71-43-2	V	Benzene	BMDL	10 U		BMDL	10 U	
10061-02-6	V	trans-1,3-Dichloropropene	BMDL	10 U		BMDL	10 U	
75-25-2	V	Bromoform	BMDL	10 U		BMDL	10 U	
108-10-1	V	4-Methyl-2-Pentanone	BMDL	10 U		BMDL	10 U	
591-78-6	V	2-Hexanone	BMDL	10 U		BMDL	10 U	
127-18-4	V	Tetrachloroethane	BMDL	10 U		BMDL	10 U	
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	10 U		BMDL	10 U	
108-88-3	V	Toluene	BMDL	10 U	BMDL	10 U		
108-90-7	V	Chlorobenzene	BMDL	10 U	BMDL	10 U		
100-41-4	V	Ethylbenzene	BMDL	10 U	BMDL	10 U		
100-42-5	V	Styrene	BMDL	10 U	BMDL	10 U		
1330-20-7	V	Xylene (total)	BMDL	10 U	BMDL	10 U		
		SEMI-VOLATILES		4/02/92		4/02/92		
108-95-2	B	Phenol	BMDL	10 U	SAMPLE WAS ANALYZED FOR PESTICIDES ONLY.	BMDL	10 U	
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	10 U		BMDL	10 U	
95-57-8	B	2-Chlorophenol	BMDL	10 U		BMDL	10 U	
541-73-1	B	1,3-Dichlorobenzene	BMDL	10 U		BMDL	10 U	
106-49-7	B	1,4-Dichlorobenzene	BMDL	10 U		BMDL	10 U	
95-50-1	B	1,2-Dichlorobenzene	BMDL	10 U		BMDL	10 U	
95-48-7	B	2-Methylphenol	BMDL	10 U		BMDL	10 U	
108-60-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	10 U		BMDL	10 U	
106-44-5	B	4-Methylphenol	BMDL	10 U		BMDL	10 U	
621-64-7	B	N-Nitroso-di-n-propylamine	BMDL	10 U		BMDL	10 U	
67-72-1	B	Hexachloroethane	BMDL	10 U		BMDL	10 U	
98-95-3	B	Nitrobenzene	BMDL	10 U		BMDL	10 U	
78-59-1	B	Isophorone	BMDL	10 U		BMDL	10 U	
88-75-5	B	2-Nitrophenol	BMDL	10 U		BMDL	10 U	
105-67-9	B	2,4-Dimethylphenol	BMDL	10 U		BMDL	10 U	
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	10 U		BMDL	10 U	
120-83-2	B	2,4-Dichlorophenol	BMDL	10 U		BMDL	10 U	
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	10 U		BMDL	10 U	
91-20-3	B	Naphthalene	BMDL	10 U		BMDL	10 U	
106-47-8	B	4-Chloroaniline	BMDL	10 U		BMDL	10 U	
87-68-3	B	Hexachlorobutadiene	BMDL	10 U		BMDL	10 U	
59-50-7	B	4-Chloro-3-methylphenol	BMDL	10 U		BMDL	10 U	
91-57-6	B	2-Methylnaphthalene	BMDL	10 U		BMDL	10 U	
77-47-4	B	Hexachlorocyclopentadiene	BMDL	10 U		BMDL	10 U	
88-06-2	B	2,4,6-Trichlorophenol	BMDL	10 U		BMDL	10 U	
95-95-4	B	2,4,5-Trichlorophenol	BMDL	25 U		BMDL	25 U	
91-58-7	B	2-Chloronaphthalene	BMDL	10 U		BMDL	10 U	
88-74-4	B	2-Nitroaniline	BMDL	25 U		BMDL	25 U	
131-11-3	B	Dimethylphthalate	BMDL	10 U		BMDL	10 U	
206-96-8	B	Acenaphthylene	BMDL	10 U		BMDL	10 U	
606-20-2	B	2,6-Dinitrotoluene	BMDL	10 U		BMDL	10 U	
99-09-2	B	3-Nitroaniline	BMDL	25 U		BMDL	25 U	
83-32-9	B	Acenaphthene	BMDL	10 U		BMDL	10 U	
51-28-5	B	2,4-Dinitrophenol	BMDL	25 U		BMDL	25 U	
100-02-7	B	4-Nitrophenol	BMDL	25 U		BMDL	25 U	
132-84-9	B	Dibenzofuran	BMDL	10 U		BMDL	10 U	
121-14-2	B	2,4-Dinitrotoluene	BMDL	10 U		BMDL	10 U	
84-66-2	B	Diethylphthalate	BMDL	10 U		BMDL	10 U	
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	10 U	BMDL	10 U		
86-73-7	B	Fluorene	BMDL	10 U	BMDL	10 U		
100-01-6	B	4-Nitroaniline	BMDL	25 U	BMDL	25 U		
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	25 U	BMDL	25 U		

SITE INVESTIGATION - INDIAN HEAD

		LOCATION	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
		SAMPLE ID	42MW-5		42MW-5DL		42MW-6	
		PACE ID	0918.2/1261.4		0919.2		0920.6/1262.2	
		DATE OF ANALYSIS	03/17/92		03/17/92		03/17/92	
CAS. NO.	CL	MATRIX	WATER		WATER		WATER	
		UNITS	ug/l		ug/l		ug/l	
86-30-6	B	N-Nitrosodiphenylamine	BMDL	10 U			BMDL	10 U
101-55-3	B	4-Bromophenyl-phenylether	BMDL	10 U			BMDL	10 U
118-74-1	B	Hexachlorobenzene	BMDL	10 U			BMDL	10 U
87-88-5	B	Pentachlorophenol	BMDL	25 U			BMDL	25 U
85-01-8	B	Phenanthrene	BMDL	10 U			BMDL	10 U
120-12-7	B	Anthracene	BMDL	10 U			BMDL	10 U
88-74-8	B	Carbazole	BMDL	10 U			BMDL	10 U
84-74-2	B	Di-n-butylphthalate	BMDL	10 U			BMDL	10 U
206-44-0	B	Fluoranthene	BMDL	10 U			BMDL	10 U
129-00-0	B	Pyrene	BMDL	10 U			BMDL	10 U
85-68-7	B	Butylbenzylphthalate	BMDL	10 U			BMDL	10 U
91-94-1	B	3,3'-Dichlorobenzidine	BMDL	10 U			BMDL	10 U
56-55-3	B	Benzo(a)anthracene	BMDL	10 U			BMDL	10 U
218-01-9	B	Chrysene	BMDL	10 U			BMDL	10 U
117-81-7	B	bis(2-Ethylhexyl)phthalate	BMDL	10 U			BMDL	10 U
117-84-0	B	Di-n-octylphthalate	BMDL	10 U			BMDL	10 U
205-99-2	B	Benzo(b)fluoranthene	BMDL	10 U			BMDL	10 U
207-08-9	B	Benzo(k)fluoranthene	BMDL	10 U			BMDL	10 U
50-32-8	B	Benzo(a)pyrene	BMDL	10 U			BMDL	10 U
183-39-8	B	Indeno(1,2,3-cd)pyrene	BMDL	10 U			BMDL	10 U
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	10 U			BMDL	10 U
191-24-2	B	Benzo(g,h,i)perylene	BMDL	10 U			BMDL	10 U
PESTICIDES								
319-84-6	P	Alpha-BHC	BMDL	0.05 U	BMDL	0.5 U	BMDL	0.05 U
319-85-7	P	Beta-BHC	BMDL	0.05 U	BMDL	0.5 U	BMDL	0.05 U
319-86-8	P	Delta-BHC	BMDL	0.05 U	BMDL	0.5 U	BMDL	0.05 U
58-89-9	P	Gamma-BHC	BMDL	0.05 U	BMDL	0.5 U	BMDL	0.05 U
76-44-8	P	Heptachlor	BMDL	0.05 U	BMDL	0.5 U	BMDL	0.05 U
309-00-2	P	Aldrin	BMDL	0.05 U	BMDL	0.5 U	BMDL	0.05 U
1024-57-3	P	Heptachlor Epoxide	BMDL	0.05 U	BMDL	0.5 U	BMDL	0.05 U
959-98-8	P	Endosulfan I	BMDL	0.05 U	BMDL	0.5 U	BMDL	0.05 U
60-57-1	P	Dieldrin	BMDL	0.1 U	BMDL	1 U	BMDL	0.1 U
72-55-9	P	4,4'-DDE	BMDL	0.1 U	BMDL	1 U	BMDL	0.1 U
72-20-8	P	Endrin	BMDL	0.1 U	BMDL	1 U	BMDL	0.1 U
33213-65-9	P	Endosulfan II	BMDL	0.1 U	BMDL	1 U	BMDL	0.1 U
72-54-8	P	4,4'-DDD	BMDL	0.1 U	BMDL	1 U	BMDL	0.1 U
1031-07-8	P	Endosulfan Sulfate	BMDL	0.1 U	BMDL	1 U	BMDL	0.1 U
50-29-3	P	4,4'-DDT	BMDL	0.1 U	BMDL	1 U	BMDL	0.1 U
72-43-5	P	Methoxychlor	BMDL	0.5 U	BMDL	5 U	BMDL	0.5 U
53494-70-5	P	Endrin Ketone	BMDL	0.1 U	BMDL	1 U	BMDL	0.1 U
7421-36-3	P	Endrin Aldehyde	BMDL	0.1 U	BMDL	1 U	BMDL	0.1 U
5103-71-9	P	alpha-Chlordane	BMDL	0.05 U	BMDL	0.5 U	BMDL	0.05 U
5103-74-2	P	gamma-Chlordane	BMDL	0.05 U	BMDL	0.5 U	BMDL	0.05 U
8001-35-2	P	Toxaphene	BMDL	5 U	BMDL	50 U	BMDL	5 U
12874-11-2	P	Arochlor-1016	BMDL	1 U	BMDL	10 U	BMDL	1 U
11104-28-2	P	Arochlor-1221	BMDL	2 U	BMDL	20 U	BMDL	2 U
11141-16-6	P	Arochlor-1232	BMDL	1 U	BMDL	10 U	BMDL	1 U
53469-21-9	P	Arochlor-1242	BMDL	1 U	BMDL	10 U	BMDL	1 U
12872-29-6	P	Arochlor-1248	BMDL	1 U	BMDL	10 U	BMDL	1 U
11097-69-1	P	Arochlor-1254	BMDL	1 U	BMDL	10 U	BMDL	1 U
11096-82-5	P	Arochlor-1260	BMDL	1 U	BMDL	10 U	BMDL	1 U
INORGANIC UNITS								
7420-90-5		Aluminum		59900	SAMPLE WAS ANALYZED FOR PESTICIDES ONLY.			52700
7440-36-0		Antimony		10 B			8.9 B	
7440-38-2		Arsenic		3.9 B			2.2 B	
7440-39-3		Barium		448			527	
7440-41-7		Beryllium		3.7 B			2.7 B	
7440-43-9		Cadmium		1.9 B			1.3 B	
7440-70-2		Calcium		9520			9730	
7440-47-3		Chromium		107			137	
7440-48-4		Cobalt		48.6 B			29 B	
7440-50-8		Copper		64.2			80.7	
7439-89-6		Iron		79000			80500	
7439-92-1		Lead		41.4			49.9	
7439-95-4		Magnesium		9930			9970	
7439-96-5		Manganese		1130			595	
7439-97-6		Mercury		7.4			9.9	
7440-02-0		Nickel		103			96.8	
7440-09-7		Potassium		9780			7090	
7782-49-2		Selenium	BMDL	10 U			10 B	
7440-22-4		Silver		3 B			2.5 B	
7440-23-5		Sodium		21600			12400	
7440-28-0		Thallium	BMDL	1 U			1 U	
7440-82-2		Vanadium		132			116	
7440-66-6		Zinc		263			260	
		Cyanide	BMDL	10 U			BMDL 10 U	

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION	INDIAN HEAD			INDIAN HEAD			INDIAN HEAD		
		SAMPLE ID PAGE ID DATE OF ANALYSIS MATRIX UNITS	42SW-3 0964.8 03/23/92 WATER ug/l			42SW-3 RE 0964.8 03/23/92 WATER ug/l			42SW-4 0965.6 03/23/92 WATER ug/l		
VOLATILES											
74-87-3	V	Chloromethane	BMDL	10	U	SAMPLE WAS RE-ANALYZED FOR SEMI-VOLATILE ONLY.			BMDL	10	U
74-83-9	V	Bromomethane	BMDL	10	U				BMDL	10	U
75-01-4	V	Vinyl Chloride	BMDL	10	U				BMDL	10	U
75-00-3	V	Chloroethane	BMDL	10	U				BMDL	10	U
75-09-2	V	Methylene Chloride	BMDL	10	U				BMDL	10	U
67-64-1	V	Acetone	BMDL	10	U				BMDL	10	U
75-15-0	V	Carbon Disulfide		12					BMDL	10	U
75-35-4	V	1,1-Dichloroethene	BMDL	10	U				BMDL	10	U
75-34-3	V	1,1-Dichloroethane	BMDL	10	U				BMDL	10	U
540-59-0	V	1,2-Dichloroethene (total)	BMDL	10	U				BMDL	10	U
67-66-3	V	Chloroform	BMDL	10	U				BMDL	10	U
107-06-2	V	1,2-Dichloroethane	BMDL	10	U				BMDL	10	U
78-83-3	V	2-Butanone	BMDL	10	U				BMDL	10	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	10	U				BMDL	10	U
56-23-5	V	Carbon Tetrachloride	BMDL	10	U				BMDL	10	U
75-27-4	V	Bromodichloromethane	BMDL	10	U				BMDL	10	U
78-87-5	V	1,2-Dichloropropane	BMDL	10	U				BMDL	10	U
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	10	U				BMDL	10	U
79-01-6	V	Trichloroethene	BMDL	10	U				BMDL	10	U
124-48-1	V	Dibromochloromethane	BMDL	10	U				BMDL	10	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	10	U	BMDL	10	U			
71-43-2	V	Benzene	BMDL	10	U	BMDL	10	U			
10061-02-6	V	trans-1,3-Dichloropropene	BMDL	10	U	BMDL	10	U			
75-25-2	V	Bromoform	BMDL	10	U	BMDL	10	U			
108-10-1	V	4-Methyl-2-Pentanone	BMDL	10	U	BMDL	10	U			
591-78-6	V	2-Hexanone	BMDL	10	U	BMDL	10	U			
127-18-4	V	Tetrachloroethene	BMDL	10	U	BMDL	10	U			
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	10	U	BMDL	10	U			
108-88-3	V	Toluene	BMDL	10	U	BMDL	10	U			
108-90-7	V	Chlorobenzene	BMDL	10	U	BMDL	10	U			
100-41-4	V	Ethylbenzene	BMDL	10	U	BMDL	10	U			
100-42-5	V	Styrene	BMDL	10	U	BMDL	10	U			
1390-20-7	V	Xylene (total)	BMDL	10	U	BMDL	10	U			
SEMI-VOLATILES											
108-95-2	B	Phenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	10	U	BMDL	10	U	BMDL	10	U
95-57-8	B	2-Chlorophenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
541-73-1	B	1,3-Dichlorobenzene	BMDL	10	U	BMDL	10	U	BMDL	10	U
109-46-7	B	1,4-Dichlorobenzene	BMDL	10	U	BMDL	10	U	BMDL	10	U
95-50-1	B	1,2-Dichlorobenzene	BMDL	10	U	BMDL	10	U	BMDL	10	U
95-48-7	B	2-Methylphenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
108-60-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	10	U	BMDL	10	U	BMDL	10	U
106-44-5	B	4-Methylphenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
621-64-7	B	N-Nitroso-d-n-propylamine	BMDL	10	U	BMDL	10	U	BMDL	10	U
87-72-1	B	Hexachloroethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
98-95-3	B	Nitrobenzene	BMDL	10	U	BMDL	10	U	BMDL	10	U
78-59-1	B	Isophorone	BMDL	10	U	BMDL	10	U	BMDL	10	U
88-75-5	B	2-Nitrophenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
105-67-9	B	2,4-Dimethylphenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	10	U	BMDL	10	U	BMDL	10	U
120-83-2	B	2,4-Dichlorophenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	10	U	BMDL	10	U	BMDL	10	U
91-20-3	B	Naphthalene	BMDL	10	U	BMDL	10	U	BMDL	10	U
106-47-8	B	4-Chloroaniline	BMDL	10	U	BMDL	10	U	BMDL	10	U
87-68-3	B	Hexachlorobutadiene	BMDL	10	U	BMDL	10	U	BMDL	10	U
59-50-7	B	4-Chloro-3-methylphenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
91-57-6	B	2-Methylnaphthalene	BMDL	10	U	BMDL	10	U	BMDL	10	U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	10	U	BMDL	10	U	BMDL	10	U
88-06-2	B	2,4,6-Trichlorophenol	BMDL	10	U	BMDL	10	U	BMDL	10	U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	25	U	BMDL	25	U	BMDL	25	U
91-58-7	B	2-Chloronaphthalene	BMDL	10	U	BMDL	10	U	BMDL	10	U
88-74-4	B	2-Nitroaniline	BMDL	25	U	BMDL	25	U	BMDL	25	U
131-11-3	B	Dimethylphthalate	BMDL	10	U	BMDL	10	U	BMDL	10	U
208-96-8	B	Acenaphthylene	BMDL	10	U	BMDL	10	U	BMDL	10	U
606-20-2	B	2,6-Dinitrotoluene	BMDL	10	U	BMDL	10	U	BMDL	10	U
99-08-2	B	3-Nitroaniline	BMDL	25	U	BMDL	25	U	BMDL	25	U
83-32-9	B	Acenaphthene	BMDL	10	U	BMDL	10	U	BMDL	10	U
51-28-5	B	2,4-Dinitrophenol	BMDL	25	U	BMDL	25	U	BMDL	25	U
100-02-7	B	4-Nitrophenol	BMDL	25	U	BMDL	25	U	BMDL	25	U
132-64-9	B	Dibenzofuran	BMDL	10	U	BMDL	10	U	BMDL	10	U
121-14-2	B	2,4-Dinitrotoluene	BMDL	10	U	BMDL	10	U	BMDL	10	U
84-66-2	B	Diethylphthalate	BMDL	10	U	BMDL	10	U	BMDL	10	U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	10	U	BMDL	10	U	BMDL	10	U
88-73-7	B	Fluorene	BMDL	10	U	BMDL	10	U	BMDL	10	U
100-01-6	B	4-Nitroaniline	BMDL	25	U	BMDL	25	U	BMDL	25	U
594-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	25	U	BMDL	25	U	BMDL	25	U

SITE INVESTIGATION - INDIAN HEAD

		LOCATION		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
		SAMPLE ID	42SW-3	42SW-3 RE		42SW-4			
		FACE ID	0964.8	0964.8		0965.6			
		DATE OF ANALYSIS	03/23/92	03/23/92		03/23/92			
		MATRIX	WATER	WATER		WATER			
CAS. NO.	CL	UNITS	ug/l		ug/l		ug/l		
88-30-8	B	N-Nitrosodiphenylamine	BMDL	10 U	BMDL	10 U	BMDL	10 U	
101-55-3	B	4-Bromophenyl-phenylether	BMDL	10 U	BMDL	10 U	BMDL	10 U	
118-74-1	B	Hexachlorobenzene	BMDL	10 U	BMDL	10 U	BMDL	10 U	
87-88-5	B	Pentachlorophenol	BMDL	25 U	BMDL	25 U	BMDL	25 U	
85-01-8	B	Phenanthrene	BMDL	10 U	BMDL	10 U	BMDL	10 U	
120-12-7	B	Anthracene	BMDL	10 U	BMDL	10 U	BMDL	10 U	
88-74-8	B	Carbazole	BMDL	10 U	BMDL	10 U	BMDL	10 U	
84-74-2	B	Di-n-butylphthalate	BMDL	10 U	BMDL	10 U	BMDL	10 U	
205-44-0	B	Fluoranthene	BMDL	10 U	BMDL	10 U	BMDL	10 U	
129-00-0	B	Pyrene	BMDL	10 U	BMDL	10 U	BMDL	10 U	
85-68-7	B	Butylbenzylphthalate	BMDL	10 U	BMDL	10 U	BMDL	10 U	
91-94-1	B	3,3'-Dichlorobenzidine	BMDL	10 U	BMDL	10 U	BMDL	10 U	
58-55-3	B	Benzo(a)anthracene	BMDL	10 U	BMDL	10 U	BMDL	10 U	
218-01-9	B	Chrysene	BMDL	10 U	BMDL	10 U	BMDL	10 U	
117-81-7	B	bis(2-Ethylhexyl)phthalate	BMDL	10 U	BMDL	10 U	BMDL	10 U	
117-84-0	B	Di-n-octylphthalate	BMDL	10 U	BMDL	10 U	BMDL	10 U	
205-99-2	B	Benzo(b)fluoranthene	BMDL	10 U	BMDL	10 U	BMDL	10 U	
207-08-9	B	Benzo(k)fluoranthene	BMDL	10 U	BMDL	10 U	BMDL	10 U	
50-32-8	B	Benzo(a)pyrene	BMDL	10 U	BMDL	10 U	BMDL	10 U	
193-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	10 U	BMDL	10 U	BMDL	10 U	
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	10 U	BMDL	10 U	BMDL	10 U	
191-24-2	B	Benzo(g,h,i)perylene	BMDL	10 U	BMDL	10 U	BMDL	10 U	
PESTICIDES									
319-84-8	P	Alpha-BHC	BMDL	0.05 U	SAMPLE WAS RE-		BMDL	0.05 U	
319-85-7	P	Beta-BHC	BMDL	0.05 U	ANALYZED FOR		BMDL	0.05 U	
319-86-8	P	Delta-BHC	BMDL	0.05 U	SEMI-VOLATILE ONLY.		BMDL	0.05 U	
58-89-9	P	Gamma-BHC	BMDL	0.05 U			BMDL	0.05 U	
78-44-8	P	Heptachlor	BMDL	0.05 U			BMDL	0.05 U	
309-00-2	P	Aldrin	BMDL	0.05 U			BMDL	0.05 U	
1024-57-3	P	Heptachlor Epoxide	BMDL	0.05 U			BMDL	0.05 U	
959-98-8	P	Endosulfan I	BMDL	0.05 U			BMDL	0.05 U	
60-57-1	P	Dieldrin	BMDL	0.1 U			BMDL	0.1 U	
72-55-9	P	4,4'-DDE	BMDL	0.1 U			BMDL	0.1 U	
72-20-8	P	Endrin	BMDL	0.1 U			BMDL	0.1 U	
33213-65-9	P	Endosulfan II	BMDL	0.1 U			BMDL	0.1 U	
72-54-8	P	4,4'-DDD	BMDL	0.1 U			BMDL	0.1 U	
1031-07-8	P	Endosulfan Sulfate	BMDL	0.1 U			BMDL	0.1 U	
90-29-3	P	4,4'-DDT	BMDL	0.1 U			BMDL	0.1 U	
72-43-5	P	Methoxychlor	BMDL	0.5 U			BMDL	0.5 U	
53494-70-5	P	Endrin Ketone	BMDL	0.1 U			BMDL	0.1 U	
7421-36-3	P	Endrin Aldehyde	BMDL	0.1 U			BMDL	0.1 U	
5103-71-9	P	alpha-Chlordane	BMDL	0.05 U			BMDL	0.05 U	
5103-74-2	P	gamma-Chlordane	BMDL	0.05 U			BMDL	0.05 U	
8001-35-2	P	Toxaphene	BMDL	5 U			BMDL	5 U	
12874-11-2	P	Arochlor-1016	BMDL	1 U			BMDL	1 U	
11104-28-2	P	Arochlor-1221	BMDL	2 U			BMDL	2 U	
11141-16-5	P	Arochlor-1232	BMDL	1 U			BMDL	1 U	
53469-21-9	P	Arochlor-1242	BMDL	1 U			BMDL	1 U	
12872-29-6	P	Arochlor-1248	BMDL	1 U			BMDL	1 U	
11097-69-1	P	Arochlor-1254	BMDL	1 U			BMDL	1 U	
11096-82-5	P	Arochlor-1260	BMDL	1 U			BMDL	1 U	
INORGANIC UNITS									
7429-00-5	I	Aluminum		2230	SAMPLE WAS RE-			922	
7440-38-0	I	Antimony	BMDL	3 U	ANALYZED FOR			4.9 B	
7440-38-2	I	Arsenic		20 B	SEMI-VOLATILE ONLY.		BMDL	1 U	
7440-39-3	I	Berium		54.5 B				41.9 B	
7440-41-7	I	Beryllium	BMDL	2 U			BMDL	2 U	
7440-43-9	I	Cadmium		2.2 B				1.2 B	
7440-70-2	I	Calcium		7040				10800	
7440-47-3	I	Chromium		6.3 B				4.6 B	
7440-48-4	I	Cobalt		10.9 B				4.5 B	
7440-80-8	I	Copper		129				8.2 B	
7439-89-6	I	Iron		5230				5410	
7439-92-1	I	Lead		4.9				3.2	
7439-95-4	I	Magnesium		2530 B				3190 B	
7439-98-5	I	Manganese		657				633	
7439-97-6	I	Mercury		0.2				0.2	
7440-02-0	I	Nickel		13.4 B				7.6 B	
7440-09-7	I	Potassium		2000 B				2760 B	
7782-49-2	I	Selenium	BMDL	1 U			BMDL	1 U	
7440-22-4	I	Silver		11.9				5.2 B	
7440-23-5	I	Sodium		10100				12900	
7440-28-0	I	Thallium	BMDL	1 U			BMDL	1 U	
7440-62-2	I	Vanadium		5.9 B				3.3 B	
7440-66-6	I	Zinc		107				60.1	
	I	Cyanide	BMDL	10 U			BMDL	10 U	

SITE INVESTIGATION – INDIAN HEAD

CAS. NO.	CL	LOCATION	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
		SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	420315FB 0922.2/1260.6 03/17/92 WATER ug/l		420314RB 0921.4/1263.0 03/17/92 WATER ug/l		TB 03/17 0923.0 03/17/92 WATER ug/l	
VOLATILES								
74-87-3	V	Chloromethane	BMDL	10 U	BMDL	10 U	BMDL	10 U
74-83-9	V	Bromomethane	BMDL	10 U	BMDL	10 U	BMDL	10 U
75-01-4	V	Vinyl Chloride	BMDL	10 U	BMDL	10 U	BMDL	10 U
75-00-3	V	Chloroethane	BMDL	10 U	BMDL	10 U	BMDL	10 U
75-09-2	V	Methylene Chloride	BMDL	10 U	BMDL	10 U	BMDL	10 U
67-64-1	V	Acetone	BMDL	10 U	BMDL	5 J	BMDL	10 U
75-15-0	V	Carbon Disulfide	BMDL	10 U	BMDL	10 U	BMDL	2 J
75-35-4	V	1,1-Dichloroethene	BMDL	10 U	BMDL	10 U	BMDL	10 U
75-34-3	V	1,1-Dichloroethane	BMDL	10 U	BMDL	10 U	BMDL	10 U
540-59-0	V	1,2-Dichloroethene (total)	BMDL	10 U	BMDL	10 U	BMDL	10 U
67-66-3	V	Chloroform		9 J		1 J	BMDL	10 U
107-06-2	V	1,2-Dichloroethane	BMDL	10 U	BMDL	10 U	BMDL	10 U
78-83-3	V	2-Butanone	BMDL	10 U	BMDL	10 U	BMDL	10 U
71-55-6	V	1,1,1-Trichloroethane	BMDL	10 U	BMDL	10 U	BMDL	10 U
56-23-5	V	Carbon Tetrachloride	BMDL	10 U	BMDL	10 U	BMDL	10 U
75-27-4	V	Bromodichloromethane		3 J	BMDL	10 U	BMDL	10 U
78-87-5	V	1,2-Dichloropropane	BMDL	10 U	BMDL	10 U	BMDL	10 U
10081-01-5	V	cis-1,3-Dichloropropene	BMDL	10 U	BMDL	10 U	BMDL	10 U
78-01-6	V	Trichloroethene	BMDL	10 U	BMDL	10 U	BMDL	10 U
124-48-1	V	Dibromochloromethane	BMDL	10 U	BMDL	10 U	BMDL	10 U
79-00-5	V	1,1,2-Trichloroethane	BMDL	10 U	BMDL	10 U	BMDL	10 U
71-43-2	V	Benzene	BMDL	10 U	BMDL	10 U	BMDL	10 U
10081-02-6	V	trans-1,3-Dichloropropene	BMDL	10 U	BMDL	10 U	BMDL	10 U
75-25-2	V	Bromoform	BMDL	10 U	BMDL	10 U	BMDL	10 U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	10 U	BMDL	10 U	BMDL	10 U
591-78-6	V	2-Hexanone	BMDL	10 U	BMDL	10 U	BMDL	10 U
127-18-4	V	Tetrachloroethene	BMDL	10 U	BMDL	10 U	BMDL	10 U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	10 U	BMDL	10 U	BMDL	10 U
108-88-3	V	Toluene	BMDL	10 U	BMDL	10 U	BMDL	10 U
108-90-7	V	Chlorobenzene	BMDL	10 U	BMDL	10 U	BMDL	10 U
100-41-4	V	Ethylbenzene	BMDL	10 U	BMDL	10 U	BMDL	10 U
100-42-5	V	Styrene	BMDL	10 U	BMDL	10 U	BMDL	10 U
1330-20-7	V	Xylene (total)	BMDL	10 U	BMDL	10 U	BMDL	10 U
SEMI-VOLATILES			4/02/92	420331FB	4/02/92	420401RB	SAMPLE NOT ANALYZED FOR SEMI-VOLATILES.	
108-95-2	B	Phenol	BMDL	10 U	BMDL	10 U		
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	10 U	BMDL	10 U		
85-57-8	B	2-Chlorophenol	BMDL	10 U	BMDL	10 U		
541-73-1	B	1,3-Dichlorobenzene	BMDL	10 U	BMDL	10 U		
106-46-7	B	1,4-Dichlorobenzene	BMDL	10 U	BMDL	10 U		
95-50-1	B	1,2-Dichlorobenzene	BMDL	10 U	BMDL	10 U		
95-48-7	B	2-Methylphenol	BMDL	10 U	BMDL	10 U		
108-60-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	10 U	BMDL	10 U		
106-44-5	B	4-Methylphenol	BMDL	10 U	BMDL	10 U		
621-64-7	B	N-Nitroso-di-n-propylamine	BMDL	10 U	BMDL	10 U		
67-72-1	B	Hexachloroethane	BMDL	10 U	BMDL	10 U		
98-95-3	B	Nitrobenzene	BMDL	10 U	BMDL	10 U		
78-59-1	B	Isophorone	BMDL	10 U	BMDL	10 U		
88-75-5	B	2-Nitrophenol	BMDL	10 U	BMDL	10 U		
105-67-9	B	2,4-Dimethylphenol	BMDL	10 U	BMDL	10 U		
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	10 U	BMDL	10 U		
120-83-2	B	2,4-Dichlorophenol	BMDL	10 U	BMDL	10 U		
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	10 U	BMDL	10 U		
91-20-3	B	Naphthalene	BMDL	10 U	BMDL	10 U		
106-47-8	B	4-Chloroaniline	BMDL	10 U	BMDL	10 U		
87-68-3	B	Hexachlorobutadiene	BMDL	10 U	BMDL	10 U		
59-50-7	B	4-Chloro-3-methylphenol	BMDL	10 U	BMDL	10 U		
91-57-6	B	2-Methylnaphthalene	BMDL	10 U	BMDL	10 U		
77-47-4	B	Hexachlorocyclopentadiene	BMDL	10 U	BMDL	10 U		
88-06-2	B	2,4,6-Trichlorophenol	BMDL	10 U	BMDL	10 U		
95-95-4	B	2,4,5-Trichlorophenol	BMDL	25 U	BMDL	25 U		
91-58-7	B	2-Chloronaphthalene	BMDL	10 U	BMDL	10 U		
88-74-4	B	2-Nitroaniline	BMDL	25 U	BMDL	25 U		
131-11-3	B	Dimethylphthalate	BMDL	10 U	BMDL	10 U		
208-96-8	B	Acenaphthylene	BMDL	10 U	BMDL	10 U		
606-20-2	B	2,6-Dinitrotoluene	BMDL	10 U	BMDL	10 U		
99-09-2	B	3-Nitroaniline	BMDL	25 U	BMDL	25 U		
83-32-9	B	Acenaphthene	BMDL	10 U	BMDL	10 U		
51-28-5	B	2,4-Dinitrophenol	BMDL	25 U	BMDL	25 U		
100-02-7	B	4-Nitrophenol	BMDL	25 U	BMDL	25 U		
132-64-9	B	Dibenzofuran	BMDL	10 U	BMDL	10 U		
121-14-2	B	2,4-Dinitrotoluene	BMDL	10 U	BMDL	10 U		
84-66-2	B	Diethylphthalate	BMDL	10 U	BMDL	10 U		
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	10 U	BMDL	10 U		
86-73-7	B	Fluorene	BMDL	10 U	BMDL	10 U		
100-01-6	B	4-Nitroaniline	BMDL	25 U	BMDL	25 U		
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	25 U	BMDL	25 U		

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 420315FB 0922.2/1260.6 03/17/92 WATER ug/l			INDIAN HEAD 420314RB 0921.4/1263.0 03/17/92 WATER ug/l			INDIAN HEAD TB 03/17 0923.0 03/17/92 WATER ug/l		
			ug/l			ug/l			ug/l		
98-30-6	B	N-Nitroacetylphenylamine	BMDL	10	U	BMDL	10	U			
101-55-3	B	4-Bromophenyl-phenylether	BMDL	10	U	BMDL	10	U			
118-74-1	B	Hexachlorobenzene	BMDL	10	U	BMDL	10	U			
87-86-5	B	Pentachlorophenol	BMDL	25	U	BMDL	25	U			
85-01-6	B	Phenanthrene	BMDL	10	U	BMDL	10	U			
120-12-7	B	Anthracene	BMDL	10	U	BMDL	10	U			
88-74-8	B	Carbazole	BMDL	10	U	BMDL	10	U			
84-74-2	B	Di-n-butylphthalate	BMDL	10	U	BMDL	10	U			
206-44-0	B	Fluoranthene	BMDL	10	U	BMDL	10	U			
129-00-0	B	Pyrene	BMDL	10	U	BMDL	10	U			
85-66-7	B	Butylbenzylphthalate	BMDL	10	U	BMDL	10	U			
91-94-1	B	3,3'-Dichlorobenzidine	BMDL	10	U	BMDL	10	U			
58-55-3	B	Benzo(a)anthracene	BMDL	10	U	BMDL	10	U			
218-01-9	B	Chrysene	BMDL	10	U	BMDL	10	U			
117-81-7	B	bis(2-Ethylhexyl)phthalate	BMDL	10	U	BMDL	10	U			
117-84-0	B	Di-n-octylphthalate	BMDL	10	U	BMDL	10	U			
205-99-2	B	Benzo(b)fluoranthene	BMDL	10	U	BMDL	10	U			
207-08-9	B	Benzo(k)fluoranthene	BMDL	10	U	BMDL	10	U			
50-32-8	B	Benzo(a)pyrene	BMDL	10	U	BMDL	10	U			
183-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	10	U	BMDL	10	U			
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	10	U	BMDL	10	U			
191-24-2	B	Benzo(g,h,i)perylene	BMDL	10	U	BMDL	10	U			
PESTICIDES			3/17/92	420315FB		3/17/92	420314RB				
319-84-6	P	Alpha-BHC	BMDL	0.05	U	BMDL	0.05	U			SAMPLE NOT ANALYZED FOR PESTICIDES.
319-85-7	P	Beta-BHC	BMDL	0.05	U	BMDL	0.05	U			
319-86-8	P	Delta-BHC	BMDL	0.05	U	BMDL	0.05	U			
58-89-9	P	Gamma-BHC	BMDL	0.05	U	BMDL	0.05	U			
78-44-6	P	Heptachlor	BMDL	0.05	U	BMDL	0.05	U			
309-00-2	P	Aldrin	BMDL	0.05	U	BMDL	0.05	U			
1024-57-3	P	Heptachlor Epoxide	BMDL	0.05	U	BMDL	0.05	U			
959-98-8	P	Endosulfan I	BMDL	0.05	U	BMDL	0.05	U			
60-57-1	P	Dieldrin	BMDL	0.1	U	BMDL	0.1	U			
72-55-9	P	4,4'-DDE	BMDL	0.1	U	BMDL	0.1	U			
72-20-6	P	Endrin	BMDL	0.1	U	BMDL	0.1	U			
33213-65-9	P	Endosulfan II	BMDL	0.1	U	BMDL	0.1	U			
72-54-8	P	4,4'-DDD	BMDL	0.1	U	BMDL	0.1	U			
1031-07-8	P	Endosulfan Sulfate	BMDL	0.1	U	BMDL	0.1	U			
50-29-3	P	4,4'-DDT	BMDL	0.1	U		0.099	JP			
72-43-5	P	Methoxychlor		0.15	JP	BMDL	0.5	U			
53494-70-5	P	Endrin Ketone	BMDL	0.1	U	BMDL	0.1	U			
7421-36-3	P	Endrin Aldehyde	BMDL	0.1	U	BMDL	0.1	U			
5103-71-9	P	alpha-Chlordane	BMDL	0.05	U	BMDL	0.05	U			
5103-74-2	P	gamma-Chlordane	BMDL	0.05	U	BMDL	0.05	U			
8001-35-2	P	Toxaphene	BMDL	5	U	BMDL	5	U			
12874-11-2	P	Arochlor-1016	BMDL	1	U	BMDL	1	U			
11104-28-2	P	Arochlor-1221	BMDL	2	U	BMDL	2	U			
11141-16-5	P	Arochlor-1232	BMDL	1	U	BMDL	1	U			
53469-21-9	P	Arochlor-1242	BMDL	1	U	BMDL	1	U			
12672-29-6	P	Arochlor-1248	BMDL	1	U	BMDL	1	U			
11097-69-1	P	Arochlor-1254	BMDL	1	U	BMDL	1	U			
11096-82-5	P	Arochlor-1260	BMDL	1	U	BMDL	1	U			
INORGANIC UNITS			ug/l			ug/l			ug/l		
7429-90-5	I	Aluminum		30.7	B		27.8	B			B
7440-38-0	I	Antimony	BMDL	3	U	BMDL	3	U			U
7440-38-2	I	Arsenic	BMDL	1	U	BMDL	1	U			U
7440-39-3	I	Berilium	BMDL	6	U	BMDL	6	U			U
7440-41-7	I	Beryllium	BMDL	2	U	BMDL	2	U			U
7440-43-9	I	Cadmium	BMDL	1	U	BMDL	1	U			U
7440-70-2	I	Calcium		962	B		631	B			B
7440-47-3	I	Chromium		3.2	B	BMDL	3	U			B
7440-48-4	I	Cobalt	BMDL	3	U	BMDL	3	U			U
7440-80-8	I	Copper	BMDL	3	U	BMDL	3	U			U
7439-89-6	I	Iron		61.5	B		37	B			B
7439-92-1	I	Lead	BMDL	1	U		2	B			U
7439-95-4	I	Magnesium	BMDL	25	U	BMDL	25	U			U
7439-96-5	I	Manganese	BMDL	1	U	BMDL	1	U			U
7439-97-6	I	Mercury	BMDL	0.2	U		0.3				U
7440-02-0	I	Nickel	BMDL	3	U	BMDL	3	U			U
7440-09-7	I	Potassium	BMDL	80	U	BMDL	80	U			U
7782-49-2	I	Selenium	BMDL	1	U	BMDL	1	U			U
7440-22-4	I	Silver	BMDL	2	U	BMDL	2	U			U
7440-23-5	I	Sodium		129	B		124	B			B
7440-28-0	I	Thallium	BMDL	1	U	BMDL	1	U			U
7440-82-2	I	Vanadium	BMDL	3	U	BMDL	3	U			U
7440-66-6	I	Zinc		23			22.9				U
	I	Cyanide	BMDL	10		BMDL	10	U			U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD TB 03/23 0970.2 03/23/92 WATER ug/l			INDIAN HEAD 42MW-1MS 0913.3/1255.0 03/17/92 WATER ug/l			INDIAN HEAD 42MW-1MSD 0914.1/1256.8 03/17/92 WATER ug/l		
VOLATILES											
74-87-3	V	Chloromethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
74-83-9	V	Bromomethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
75-01-4	V	Vinyl Chloride	BMDL	10	U	BMDL	10	U	BMDL	10	U
75-00-3	V	Chloroethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
75-09-2	V	Methylene Chloride	BMDL	10	U	BMDL	10	U	BMDL	10	U
67-64-1	V	Acetone	BMDL	10	U	BMDL	10	U	BMDL	10	U
75-15-0	V	Carbon Disulfide	BMDL	10	U	BMDL	10	U	BMDL	10	U
75-35-4	V	1,1-Dichloroethene	BMDL	10	U		36			36	
75-34-3	V	1,1-Dichloroethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
540-59-0	V	1,2-Dichloroethene (total)	BMDL	10	U	BMDL	10	U	BMDL	10	U
67-66-3	V	Chloroform	BMDL	10	U	BMDL	10	U	BMDL	10	U
107-06-2	V	1,2-Dichloroethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
78-93-3	V	2-Butanone	BMDL	10	U	BMDL	10	U	BMDL	10	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
56-23-5	V	Carbon Tetrachloride	BMDL	10	U	BMDL	10	U	BMDL	10	U
75-27-4	V	Bromodichloromethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
78-87-5	V	1,2-Dichloropropane	BMDL	10	U	BMDL	10	U	BMDL	10	U
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	10	U	BMDL	10	U	BMDL	10	U
78-01-6	V	Trichloroethene	BMDL	10	U		45			45	
124-48-1	V	Dibromochloromethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
71-43-2	V	Benzene	BMDL	10	U		48			45	
10061-02-6	V	trans-1,3-Dichloropropene	BMDL	10	U	BMDL	10	U	BMDL	10	U
75-25-2	V	Bromoform	BMDL	10	U	BMDL	10	U	BMDL	10	U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	10	U	BMDL	10	U	BMDL	10	U
591-78-6	V	2-Hexanone	BMDL	10	U	BMDL	10	U	BMDL	10	U
127-18-4	V	Tetrachloroethene	BMDL	10	U	BMDL	10	U	BMDL	10	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	10	U	BMDL	10	U	BMDL	10	U
108-88-3	V	Toluene	BMDL	10	U		48			48	
108-90-7	V	Chlorobenzene	BMDL	10	U		48			49	
100-41-4	V	Ethylbenzene	BMDL	10	U	BMDL	10	U	BMDL	10	U
100-42-5	V	Styrene	BMDL	10	U	BMDL	10	U	BMDL	10	U
1330-20-7	V	Xylene (total)	BMDL	10	U	BMDL	10	U	BMDL	10	U
SEMI-VOLATILES											
108-95-2	B	Phenol	SAMPLE ANALYZED FOR VOLATILE ONLY.				31			47	
111-44-4	B	bis(2-Chloroethyl)ether				BMDL	10	U	BMDL	10	U
95-57-8	B	2-Chlorophenol					37			46	
541-73-1	B	1,3-Dichlorobenzene				BMDL	10	U	BMDL	10	U
106-46-7	B	1,4-Dichlorobenzene					19			24	
95-50-1	B	1,2-Dichlorobenzene				BMDL	10	U	BMDL	10	U
95-48-7	B	2-Methylphenol				BMDL	10	U	BMDL	10	U
108-80-1	B	2,2'-oxybis(1-Chloropropane)				BMDL	10	U	BMDL	10	U
106-44-5	B	4-Methylphenol				BMDL	10	U	BMDL	10	U
621-64-7	B	N-Nitroso-di-n-propylamine					26			34	
67-72-1	B	Hexachloroethane				BMDL	10	U	BMDL	10	U
98-95-3	B	Nitrobenzene				BMDL	10	U	BMDL	10	U
78-59-1	B	Isophorone				BMDL	10	U	BMDL	10	U
88-75-5	B	2-Nitrophenol				BMDL	10	U	BMDL	10	U
105-67-9	B	2,4-Dimethylphenol				BMDL	10	U	BMDL	10	U
111-91-1	B	bis(2-Chloroethoxy)methane				BMDL	10	U	BMDL	10	U
120-83-2	B	2,4-Dichlorophenol				BMDL	10	U	BMDL	10	U
120-82-1	B	1,2,4-Trichlorobenzene					20			26	
91-20-3	B	Naphthalene				BMDL	10	U	BMDL	10	U
106-47-8	B	4-Chloroaniline				BMDL	10	U	BMDL	10	U
87-68-3	B	Hexachlorobutadiene				BMDL	10	U	BMDL	10	U
59-50-7	B	4-Chloro-3-methylphenol					39			53	
91-57-6	B	2-Methylnaphthalene				BMDL	10	U	BMDL	10	U
77-47-4	B	Hexachlorocyclopentadiene				BMDL	10	U	BMDL	10	U
88-06-2	B	2,4,6-Trichlorophenol				BMDL	10	U	BMDL	10	U
95-95-4	B	2,4,5-Trichlorophenol				BMDL	25	U	BMDL	25	U
91-58-7	B	2-Chloronaphthalene				BMDL	10	U	BMDL	10	U
88-74-4	B	2-Nitroaniline				BMDL	25	U	BMDL	25	U
131-11-3	B	Dimethylnaphthalene				BMDL	10	U	BMDL	10	U
208-96-8	B	Acenaphthylene				BMDL	10	U	BMDL	10	U
606-20-2	B	2,6-Dinitrotoluene				BMDL	10	U	BMDL	10	U
99-09-2	B	3-Nitroaniline				BMDL	25	U	BMDL	25	U
83-32-9	B	Acenaphthene					24			31	
51-28-5	B	2,4-Dinitrophenol				BMDL	25	U	BMDL	25	U
100-02-7	B	4-Nitrophenol					38			64	
132-64-0	B	Dibenzofuran				BMDL	10	U	BMDL	10	U
121-14-2	B	2,4-Dinitrotoluene					26			34	
84-66-2	B	Diethylnaphthalene				BMDL	10	U	BMDL	10	U
7005-72-3	B	4-Chlorophenyl-phenylether				BMDL	10	U	BMDL	10	U
88-73-7	B	Fluorene				BMDL	10	U	BMDL	10	U
100-01-6	B	4-Nitroaniline				BMDL	25	U	BMDL	25	U
534-52-1	B	4,6-Dinitro-2-methylphenol				BMDL	25	U	BMDL	25	U

SITE INVESTIGATION - INDIAN HEAD

		LOCATION	INDIAN HEAD	INDIAN HEAD	INDIAN HEAD		
		SAMPLE ID	TB 03/23	42MW-1MS	42MW-1MSD		
		PACE ID	0970.2	0913.3/1255.0	0914.1/1256.8		
		DATE OF ANALYSIS	03/23/92	03/17/92	03/17/92		
CAS. NO.	CL	MATRIX	WATER	WATER	WATER		
		UNITS	ug/l	ug/l	ug/l		
86-30-6	B	N-Nitrosodiphenylamine		BMDL	10 U	BMDL	10 U
101-55-3	B	4-Bromophenyl-phenylether		BMDL	10 U	BMDL	10 U
118-74-1	B	Hexachlorobenzene		BMDL	10 U	BMDL	10 U
87-88-5	B	Pentachlorophenol			52		75
85-01-8	B	Phenanthrene		BMDL	10 U	BMDL	10 U
120-12-7	B	Anthracene		BMDL	10 U	BMDL	10 U
86-74-8	B	Carbazole		BMDL	10 U	BMDL	10 U
84-74-2	B	Di-n-butylphthalate			28		29
206-44-0	B	Fluoranthene		BMDL	10 U	BMDL	10 U
129-00-0	B	Pyrene			21		30
85-88-7	B	Butylbenzylphthalate		BMDL	10 U	BMDL	10 U
91-94-1	B	3,3'-Dichlorobenzidine		BMDL	10 U	BMDL	10 U
56-55-3	B	Benzo(a)anthracene		BMDL	10 U	BMDL	10 U
218-01-9	B	Chrysene		BMDL	10 U	BMDL	10 U
117-81-7	B	bis(2-Ethylhexyl)phthalate		BMDL	10 U	BMDL	10 U
117-84-0	B	Di-n-octylphthalate		BMDL	10 U	BMDL	10 U
205-99-2	B	Benzo(b)fluoranthene		BMDL	10 U	BMDL	10 U
207-08-9	B	Benzo(k)fluoranthene		BMDL	10 U	BMDL	10 U
50-32-8	B	Benzo(a)pyrene		BMDL	10 U	BMDL	10 U
183-39-5	B	Indeno(1,2,3-cd)pyrene		BMDL	10 U	BMDL	10 U
53-70-3	B	Dibenzo(a,h)anthracene		BMDL	10 U	BMDL	10 U
191-24-2	B	Benzo(g,h,i)perylene		BMDL	10 U	BMDL	10 U
PESTICIDES							
319-84-6	P	Alpha-BHC	SAMPLE ANALYZED FOR VOLATILE ONLY.	BMDL	0.05 U	BMDL	0.05 U
319-85-7	P	Beta-BHC		BMDL	0.05 U	BMDL	0.05 U
319-86-8	P	Delta-BHC		BMDL	0.05 U	BMDL	0.05 U
58-89-9	P	Gamma-BHC			0.47		0.38
76-44-8	P	Heptachlor			0.4		0.34
309-00-2	P	Aldrin			0.38		0.32
1024-57-3	P	Heptachlor Epoxide		BMDL	0.05 U	BMDL	0.05 U
959-98-8	P	Endosulfan I		BMDL	0.05 U	BMDL	0.05 U
60-57-1	P	Dieldrin			0.98		0.84
72-55-9	P	4,4'-DDE		BMDL	0.1 U	BMDL	0.1 U
72-20-6	F	Endrin			1.2		1
33213-65-9	P	Endosulfan II		BMDL	0.1 U	BMDL	0.1 U
72-54-8	P	4,4'-DDD		BMDL	0.1 U	BMDL	0.1 U
1031-07-8	P	Endosulfan Sulfate		BMDL	0.1 U	BMDL	0.1 U
50-29-3	P	4,4'-DDT			0.57		0.5
72-43-5	P	Methoxychlor		BMDL	0.5 U	BMDL	0.5 U
53494-70-5	F	Endrin Ketone		BMDL	0.1 U	BMDL	0.1 U
7421-36-3	P	Endrin Aldehyde		BMDL	0.1 U	BMDL	0.1 U
5103-71-9	P	alpha-Chlordane		BMDL	0.05 U	BMDL	0.05 U
5103-74-2	P	gamma-Chlordane		BMDL	0.05 U	BMDL	0.05 U
8001-35-2	P	Toxaphene		BMDL	5 U	BMDL	5 U
12674-11-2	P	Arochlor-1016		BMDL	1 U	BMDL	1 U
11104-28-2	P	Arochlor-1221		BMDL	2 U	BMDL	2 U
11141-16-5	P	Arochlor-1232		BMDL	1 U	BMDL	1 U
53469-21-9	P	Arochlor-1242		BMDL	1 U	BMDL	1 U
12672-29-6	P	Arochlor-1248		BMDL	1 U	BMDL	1 U
11097-69-1	P	Arochlor-1254		BMDL	1 U	BMDL	1 U
11096-82-5	P	Arochlor-1260		BMDL	1 U	BMDL	1 U
INORGANIC UNITS			ug/l	ug/l	ug/l		
7429-90-5	I	Aluminum	SAMPLE ANALYZED FOR VOLATILE ONLY.	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7440-36-0	I	Antimony					
7440-38-2	I	Arsenic					
7440-39-3	I	Barium					
7440-41-7	I	Beryllium					
7440-43-9	I	Cadmium					
7440-70-2	I	Calcium					
7440-47-3	I	Chromium					
7440-48-4	I	Cobalt					
7440-50-8	I	Copper					
7439-89-6	I	Iron					
7439-92-1	I	Lead					
7439-95-4	I	Magnesium					
7439-96-5	I	Manganese					
7439-97-6	I	Mercury					
7440-02-0	I	Nickel					
7440-09-7	I	Potassium					
7782-49-2	I	Selenium					
7440-22-4	I	Silver					
7440-23-5	I	Sodium					
7440-28-0	I	Thallium					
7440-62-2	I	Vanadium					
7440-66-6	I	Zinc					
		Cyanide					

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PAGE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42B17-2			INDIAN HEAD 42B17-3			INDIAN HEAD 42B17-4		
			0838.2	03/14/92	SOIL ug/kg	0841.2	03/14/92	SOIL ug/kg	0842.0	03/14/92	SOIL ug/kg
VOLATILES											
74-87-3	V	Chloromethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
74-83-9	V	Bromomethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
75-01-4	V	Vinyl Chloride	BMDL	12	U	BMDL	12	U	BMDL	12	U
75-00-3	V	Chloroethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
75-09-2	V	Methylene Chloride	BMDL	12	U		5	J	BMDL	12	U
67-64-1	V	Acetone	BMDL	12	U	BMDL	12	U	BMDL	12	U
75-15-0	V	Carbon Disulfide	BMDL	12	U	BMDL	12	U	BMDL	12	U
75-35-4	V	1,1-Dichloroethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
75-34-3	V	1,1-Dichloroethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
540-59-0	V	1,2-Dichloroethane (total)	BMDL	12	U	BMDL	12	U	BMDL	12	U
67-66-3	V	Chloroform	BMDL	12	U	BMDL	12	U	BMDL	12	U
107-08-2	V	1,2-Dichloroethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
78-93-3	V	2-Butanone	BMDL	12	U	BMDL	12	U	BMDL	12	U
71-55-8	V	1,1,1-Trichloroethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
56-23-5	V	Carbon Tetrachloride	BMDL	12	U	BMDL	12	U	BMDL	12	U
75-27-4	V	Bromodichloromethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
78-87-5	V	1,2-Dichloropropane	BMDL	12	U	BMDL	12	U	BMDL	12	U
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	12	U	BMDL	12	U	BMDL	12	U
79-01-6	V	Trichloroethane		8	J	BMDL	12	U			43
124-48-1	V	Dibromochloromethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
71-43-2	V	Benzene	BMDL	12	U	BMDL	12	U	BMDL	12	U
10061-02-6	V	trans-1,3-Dichloropropene	BMDL	12	U	BMDL	12	U	BMDL	12	U
75-25-2	V	Bromoform	BMDL	12	U	BMDL	12	U	BMDL	12	U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	12	U	BMDL	12	U	BMDL	12	U
591-78-6	V	2-Hexanone	BMDL	12	U	BMDL	12	U	BMDL	12	U
127-18-4	V	Tetrachloroethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
108-88-3	V	Toluene	BMDL	12	U	BMDL	12	U	BMDL	12	U
108-90-7	V	Chlorobenzene	BMDL	12	U	BMDL	12	U	BMDL	12	U
100-41-4	V	Ethylbenzene	BMDL	12	U	BMDL	12	U	BMDL	12	U
100-42-5	V	Styrene	BMDL	12	U	BMDL	12	U	BMDL	12	U
1330-20-7	V	Xylene (total)	BMDL	12	U	BMDL	12	U	BMDL	12	U
SEMI-VOLATILES											
108-95-2	B	Phenol	BMDL	410	U	BMDL	400	U	BMDL	400	U
111-44-4	B	bis(2-Chloroethyl) ether	BMDL	410	U	BMDL	400	U	BMDL	400	U
95-57-8	B	2-Chlorophenol	BMDL	410	U	BMDL	400	U	BMDL	400	U
541-73-1	B	1,3-Dichlorobenzene	BMDL	410	U	BMDL	400	U	BMDL	400	U
106-46-7	B	1,4-Dichlorobenzene	BMDL	410	U	BMDL	400	U	BMDL	400	U
95-50-1	B	1,2-Dichlorobenzene	BMDL	410	U	BMDL	400	U	BMDL	400	U
95-48-7	B	2-Methylphenol	BMDL	410	U	BMDL	400	U	BMDL	400	U
108-60-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	410	U	BMDL	400	U	BMDL	400	U
106-44-5	B	4-Methylphenol	BMDL	410	U	BMDL	400	U	BMDL	400	U
921-84-7	B	N-Nitroso-di-n-propylamine	BMDL	410	U	BMDL	400	U	BMDL	400	U
67-72-1	B	Hexachloroethane	BMDL	410	U	BMDL	400	U	BMDL	400	U
98-95-3	B	Nitrobenzene	BMDL	410	U	BMDL	400	U	BMDL	400	U
78-59-1	B	Isophorone	BMDL	410	U	BMDL	400	U	BMDL	400	U
88-75-5	B	2-Nitrophenol	BMDL	410	U	BMDL	400	U	BMDL	400	U
105-67-9	B	2,4-Dimethylphenol	BMDL	410	U	BMDL	400	U	BMDL	400	U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	410	U	BMDL	400	U	BMDL	400	U
120-83-2	B	2,4-Dichlorophenol	BMDL	410	U	BMDL	400	U	BMDL	400	U
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	410	U	BMDL	400	U	BMDL	400	U
91-20-3	B	Naphthalene	BMDL	410	U	BMDL	400	U	BMDL	400	U
106-47-8	B	4-Chloroaniline	BMDL	410	U	BMDL	400	U	BMDL	400	U
87-68-3	B	Hexachlorobutadiene	BMDL	410	U	BMDL	400	U	BMDL	400	U
59-50-7	B	4-Chloro-3-methylphenol	BMDL	410	U	BMDL	400	U	BMDL	400	U
91-57-6	B	2-Methylnaphthalene	BMDL	410	U	BMDL	400	U	BMDL	400	U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	410	U	BMDL	400	U	BMDL	400	U
88-06-2	B	2,4,6-Trichlorophenol	BMDL	410	U	BMDL	400	U	BMDL	400	U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	1000	U	BMDL	990	U	BMDL	990	U
91-58-7	B	2-Chloronaphthalene	BMDL	410	U	BMDL	400	U	BMDL	400	U
88-74-4	B	2-Nitroaniline	BMDL	1000	U	BMDL	990	U	BMDL	990	U
131-11-3	B	Dimethylphthalate	BMDL	410	U	BMDL	400	U	BMDL	400	U
208-96-8	B	Acenaphthylene	BMDL	410	U	BMDL	400	U	BMDL	400	U
606-20-2	B	2,6-Dinitrotoluene	BMDL	410	U	BMDL	400	U	BMDL	400	U
89-09-2	B	3-Nitroaniline	BMDL	1000	U	BMDL	990	U	BMDL	990	U
83-32-9	B	Acenaphthene	BMDL	410	U	BMDL	400	U	BMDL	400	U
51-28-5	B	2,4-Dinitrophenol	BMDL	1000	U	BMDL	990	U	BMDL	990	U
100-02-7	B	4-Nitrophenol	BMDL	1000	U	BMDL	990	U	BMDL	990	U
132-84-9	B	Dibenzofuran	BMDL	410	U	BMDL	400	U	BMDL	400	U
121-14-2	B	2,4-Dinitrotoluene	BMDL	410	U	BMDL	400	U	BMDL	400	U
84-66-2	B	Diethylphthalate	BMDL	410	U	BMDL	400	U	BMDL	400	U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	410	U	BMDL	400	U	BMDL	400	U
86-73-7	B	Fluorene	BMDL	410	U	BMDL	400	U	BMDL	400	U
100-01-6	B	4-Nitroaniline	BMDL	1000	U	BMDL	990	U	BMDL	990	U
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	1000	U	BMDL	990	U	BMDL	990	U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42B17-2 0838.2 03/14/92 SOIL ug/kg		INDIAN HEAD 42B17-3 0841.2 03/14/92 SOIL ug/kg		INDIAN HEAD 42B17-4 0842.0 03/14/92 SOIL ug/kg	
86-30-8	B	N-Nitrosodiphenylamine	BMDL	410 U	BMDL	400 U	BMDL	400 U
101-55-3	B	4-Bromophenyl-phenylether	BMDL	410 U	BMDL	400 U	BMDL	400 U
118-74-1	B	Hexachlorobenzene	BMDL	410 U	BMDL	400 U	BMDL	400 U
87-86-5	B	Pentachlorophenol	BMDL	1000 U	BMDL	990 U	BMDL	990 U
85-01-8	B	Phenanthrene	BMDL	410 U	BMDL	400 U	BMDL	400 U
120-12-7	B	Anthracene	BMDL	410 U	BMDL	400 U	BMDL	400 U
86-74-8	B	Carbazole	BMDL	410 U	BMDL	400 U	BMDL	400 U
84-74-2	B	Di-n-butylphthalate		61 J		68 J		52 J
205-44-0	B	Fluoranthene	BMDL	410 U	BMDL	400 U	BMDL	400 U
129-00-0	B	Pyrene	BMDL	410 U	BMDL	400 U	BMDL	400 U
85-68-7	B	Butylbenzylphthalate	BMDL	410 U	BMDL	400 U	BMDL	400 U
91-94-1	B	3,3'-Dichlorobenzidine	BMDL	410 U	BMDL	400 U	BMDL	400 U
56-55-3	B	Benzo(a)anthracene	BMDL	410 U	BMDL	400 U	BMDL	400 U
218-01-9	B	Chrysene	BMDL	410 U	BMDL	400 U	BMDL	400 U
117-81-7	B	bis(2-Ethylhexyl)phthalate		11000 EB		7500 B		4800 B
117-84-0	B	Di-n-octylphthalate	BMDL	410 U	BMDL	400 U	BMDL	400 U
205-90-2	B	Benzo(b)fluoranthene	BMDL	410 U	BMDL	400 U	BMDL	400 U
207-08-9	B	Benzo(k)fluoranthene	BMDL	410 U	BMDL	400 U	BMDL	400 U
50-32-8	B	Benzo(a)pyrene	BMDL	410 U	BMDL	400 U	BMDL	400 U
183-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	410 U	BMDL	400 U	BMDL	400 U
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	410 U	BMDL	400 U	BMDL	400 U
191-24-2	B	Benzo(g,h,i)perylene	BMDL	410 U	BMDL	400 U	BMDL	400 U
PESTICIDES								
319-84-8	P	Alpha-BHC	BMDL	2 U	BMDL	2 U	BMDL	2 U
319-85-7	P	Beta-BHC	BMDL	2 U	BMDL	2 U	BMDL	2 U
319-86-8	P	Delta-BHC	BMDL	2 U	BMDL	2 U	BMDL	2 U
58-89-9	P	Gamma-BHC	BMDL	2 U	BMDL	2 U	BMDL	2 U
76-44-8	P	Heptachlor	BMDL	2 U	BMDL	2 U	BMDL	2 U
306-00-2	P	Aldrin	BMDL	2 U	BMDL	2 U	BMDL	2 U
1024-57-3	P	Heptachlor Epoxide	BMDL	2 U	BMDL	2 U	BMDL	2 U
959-98-8	P	Endosulfan I	BMDL	2 U	BMDL	2 U	BMDL	2 U
60-57-1	P	Dieldrin	BMDL	4.1 U	BMDL	4 U	BMDL	4 U
72-55-9	P	4,4'-DDE	BMDL	4.1 U	BMDL	4 U	BMDL	4 U
72-20-8	P	Endrin	BMDL	4.1 U	BMDL	4 U	BMDL	4 U
33213-65-9	P	Endosulfan II	BMDL	4.1 U	BMDL	4 U	BMDL	4 U
72-54-8	P	4,4'-DDD	BMDL	4.1 U	BMDL	4 U	BMDL	4 U
1031-07-8	P	Endosulfan Sulfate	BMDL	4.1 U	BMDL	4 U	BMDL	4 U
50-29-3	P	4,4'-DDT	BMDL	4.1 U	BMDL	4 U	BMDL	4 U
72-43-5	P	Methoxychlor	BMDL	20 U	BMDL	20 U	BMDL	20 U
53494-70-5	P	Endrin Ketone	BMDL	4.1 U	BMDL	4 U	BMDL	4 U
7421-36-3	P	Endrin Aldehyde	BMDL	4.1 U	BMDL	4 U	BMDL	4 U
5103-71-9	P	alpha-Chlordane	BMDL	2 U	BMDL	2 U	BMDL	2 U
5103-74-2	P	gamma-Chlordane	BMDL	2 U	BMDL	2 U	BMDL	2 U
8001-35-2	P	Toxaphene	BMDL	200 U	BMDL	200 U	BMDL	200 U
12674-11-2	P	Arochlor-1016	BMDL	41 U	BMDL	40 U	BMDL	40 U
11104-28-2	P	Arochlor-1221	BMDL	81 U	BMDL	79 U	BMDL	79 U
11141-16-5	P	Arochlor-1232	BMDL	41 U	BMDL	40 U	BMDL	40 U
53469-21-9	P	Arochlor-1242	BMDL	41 U	BMDL	40 U	BMDL	40 U
12672-29-8	P	Arochlor-1248	BMDL	41 U	BMDL	40 U	BMDL	40 U
11097-69-1	P	Arochlor-1254	BMDL	41 U	BMDL	40 U	BMDL	40 U
11096-82-5	P	Arochlor-1260	BMDL	41 U	BMDL	40 U	BMDL	40 U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42B17-5			INDIAN HEAD 42B18-3			INDIAN HEAD 42B18-4		
			0843.9	03/14/92	SOIL ug/kg	0844.7	03/14/92	SOIL ug/kg	0845.5	03/14/92	SOIL ug/kg
VOLATILES											
74-87-3	V	Chloromethane	BMDL	14	U	BMDL	12	U	BMDL	12	U
74-83-9	V	Bromomethane	BMDL	14	U	BMDL	12	U	BMDL	12	U
75-01-4	V	Vinyl Chloride	BMDL	14	U	BMDL	12	U	BMDL	12	U
75-00-3	V	Chloroethane	BMDL	14	U	BMDL	12	U	BMDL	12	U
75-09-2	V	Methylene Chloride	BMDL	14	U	BMDL	12	U	BMDL	12	U
67-64-1	V	Acetone	BMDL	14	U	BMDL	12	U	BMDL	12	U
75-15-0	V	Carbon Disulfide	BMDL	14	U	BMDL	12	U	BMDL	12	U
75-35-4	V	1,1-Dichloroethane	BMDL	14	U	BMDL	12	U	BMDL	12	U
75-34-3	V	1,1-Dichloroethane	BMDL	14	U	BMDL	12	U	BMDL	12	U
540-59-0	V	1,2-Dichloroethane (total)	BMDL	14	U	BMDL	12	U	BMDL	12	U
67-66-3	V	Chloroform	BMDL	14	U	BMDL	12	U	BMDL	12	U
107-06-2	V	1,2-Dichloroethane	BMDL	14	U	BMDL	12	U	BMDL	12	U
78-63-3	V	2-Butanone	BMDL	14	U	BMDL	12	U	BMDL	12	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	14	U	BMDL	12	U	BMDL	12	U
56-23-5	V	Carbon Tetrachloride	BMDL	14	U	BMDL	12	U	BMDL	12	U
75-27-4	V	Bromodichloromethane	BMDL	14	U	BMDL	12	U	BMDL	12	U
78-87-5	V	1,2-Dichloropropane	BMDL	14	U	BMDL	12	U	BMDL	12	U
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	14	U	BMDL	12	U	BMDL	12	U
79-01-6	V	Trichloroethene	BMDL	14	U	BMDL	12	U	BMDL	33	
124-48-1	V	Dibromochloromethane	BMDL	14	U	BMDL	12	U	BMDL	12	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	14	U	BMDL	12	U	BMDL	12	U
71-43-2	V	Benzene	BMDL	14	U	BMDL	12	U	BMDL	12	U
10061-02-6	V	trans-1,3-Dichloropropene	BMDL	14	U	BMDL	12	U	BMDL	12	U
75-25-2	V	Bromoform	BMDL	14	U	BMDL	12	U	BMDL	12	U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	14	U	BMDL	12	U	BMDL	12	U
591-78-6	V	2-Hexanone	BMDL	14	U	BMDL	12	U	BMDL	12	U
127-18-4	V	Tetrachloroethene	BMDL	14	U	BMDL	12	U	BMDL	12	U
79-34-5	V	1,1,2-Tetrachloroethane	BMDL	14	U	BMDL	12	U	BMDL	12	U
108-88-3	V	Toluene	BMDL	14	U	BMDL	12	U	BMDL	12	U
108-90-7	V	Chlorobenzene	BMDL	14	U	BMDL	12	U	BMDL	12	U
100-41-4	V	Ethylbenzene	BMDL	14	U	BMDL	12	U	BMDL	12	U
100-42-5	V	Styrene	BMDL	14	U	BMDL	12	U	BMDL	12	U
1330-20-7	V	Xylene (total)	BMDL	14	U	BMDL	12	U	BMDL	12	U
SEMI-VOLATILES											
108-95-2	B	Phenol	BMDL	470	U	BMDL	400	U	BMDL	390	U
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	470	U	BMDL	400	U	BMDL	390	U
95-57-8	B	2-Chlorophenol	BMDL	470	U	BMDL	400	U	BMDL	390	U
541-73-1	B	1,3-Dichlorobenzene	BMDL	470	U	BMDL	400	U	BMDL	390	U
106-46-7	B	1,4-Dichlorobenzene	BMDL	470	U	BMDL	400	U	BMDL	390	U
95-50-1	B	1,2-Dichlorobenzene	BMDL	470	U	BMDL	400	U	BMDL	390	U
95-48-7	B	2-Methylphenol	BMDL	470	U	BMDL	400	U	BMDL	390	U
108-60-1	B	2,2-oxybis(1-Chloropropane)	BMDL	470	U	BMDL	400	U	BMDL	390	U
106-44-5	B	4-Methylphenol	BMDL	470	U	BMDL	400	U	BMDL	390	U
621-64-7	B	N-Nitroso-di-n-propylamine	BMDL	470	U	BMDL	400	U	BMDL	390	U
67-72-1	B	Hexachloroethane	BMDL	470	U	BMDL	400	U	BMDL	390	U
98-95-3	B	Nitrobenzene	BMDL	470	U	BMDL	400	U	BMDL	390	U
78-59-1	B	Isophorone	BMDL	470	U	BMDL	400	U	BMDL	390	U
88-75-5	B	2-Nitrophenol	BMDL	470	U	BMDL	400	U	BMDL	390	U
105-67-9	B	2,4-Dimethylphenol	BMDL	470	U	BMDL	400	U	BMDL	390	U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	470	U	BMDL	400	U	BMDL	390	U
120-83-2	B	2,4-Dichlorophenol	BMDL	470	U	BMDL	400	U	BMDL	390	U
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	470	U	BMDL	400	U	BMDL	390	U
91-20-3	B	Naphthalene	BMDL	470	U	BMDL	400	U	BMDL	390	U
106-47-8	B	4-Chloroaniline	BMDL	470	U	BMDL	400	U	BMDL	390	U
87-68-3	B	Hexachlorobutadiene	BMDL	470	U	BMDL	400	U	BMDL	390	U
59-50-7	B	4-Chloro-3-methylphenol	BMDL	470	U	BMDL	400	U	BMDL	390	U
91-57-6	B	2-Methylnaphthalene	BMDL	470	U	BMDL	400	U	BMDL	390	U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	470	U	BMDL	400	U	BMDL	390	U
88-06-2	B	2,4,6-Trichlorophenol	BMDL	470	U	BMDL	400	U	BMDL	390	U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	1200	U	BMDL	990	U	BMDL	980	U
91-58-7	B	2-Chloronaphthalene	BMDL	470	U	BMDL	400	U	BMDL	390	U
88-74-4	B	2-Nitroaniline	BMDL	1200	U	BMDL	990	U	BMDL	980	U
131-11-3	B	Dimethylphthalate	BMDL	470	U	BMDL	400	U	BMDL	390	U
208-96-8	B	Acenaphthylene	BMDL	470	U	BMDL	400	U	BMDL	390	U
606-20-2	B	2,6-Dinitrotoluene	BMDL	470	U	BMDL	400	U	BMDL	390	U
99-08-2	B	3-Nitroaniline	BMDL	1200	U	BMDL	990	U	BMDL	980	U
83-32-9	B	Acenaphthene	BMDL	470	U	BMDL	400	U	BMDL	390	U
51-28-5	B	2,4-Dinitrophenol	BMDL	1200	U	BMDL	990	U	BMDL	980	U
100-02-7	B	4-Nitrophenol	BMDL	1200	U	BMDL	990	U	BMDL	980	U
132-84-9	B	Dibenzofuran	BMDL	470	U	BMDL	400	U	BMDL	390	U
121-14-2	B	2,4-Dinitrotoluene	BMDL	470	U	BMDL	400	U	BMDL	390	U
84-66-2	B	Diethylphthalate	BMDL	470	U	BMDL	400	U	BMDL	390	U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	470	U	BMDL	400	U	BMDL	390	U
80-73-7	B	Fluorene	BMDL	470	U	BMDL	400	U	BMDL	390	U
100-01-6	B	4-Nitroaniline	BMDL	1200	U	BMDL	990	U	BMDL	980	U
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	1200	U	BMDL	990	U	BMDL	980	U

SITE INVESTIGATION - INDIAN HEAD

		LOCATION	INDIAN HEAD			INDIAN HEAD			INDIAN HEAD		
		SAMPLE ID	42B17-5			42B18-3			42B18-4		
		PAGE ID	0843.9			0844.7			0845.5		
		DATE OF ANALYSIS	03/14/92			03/14/92			03/14/92		
		MATRIX	SOIL			SOIL			SOIL		
CAS. NO.	CL	UNITS	ug/kg			ug/kg			ug/kg		
86-30-8	B	N-Nitrosodiphenylamine	BMDL	470	U	BMDL	400	U	BMDL	390	U
101-55-3	B	4-Bromophenyl-phenylether	BMDL	470	U	BMDL	400	U	BMDL	390	U
118-74-1	B	Hexachlorobenzene	BMDL	470	U	BMDL	400	U	BMDL	390	U
87-86-5	B	Pentachlorophenol	BMDL	1200	U	BMDL	990	U	BMDL	980	U
85-01-8	B	Phenanthrene	BMDL	470	U	BMDL	400	U	BMDL	390	U
120-12-7	B	Anthracene	BMDL	470	U	BMDL	400	U	BMDL	390	U
86-74-8	B	Carbazole	BMDL	470	U	BMDL	400	U	BMDL	390	U
84-74-2	B	Di-n-butylphthalate	BMDL	470	U	BMDL	59	J	BMDL	390	U
205-44-0	B	Fluoranthene	BMDL	470	U	BMDL	400	U	BMDL	390	U
129-00-0	B	Pyrene	BMDL	470	U	BMDL	400	U	BMDL	390	U
85-88-7	B	Butylbenzylphthalate	BMDL	470	U	BMDL	400	U	BMDL	390	U
91-94-1	B	3,3'-Dichlorobenzidine	BMDL	470	U	BMDL	400	U	BMDL	390	U
56-55-3	B	Benzo(a)anthracene	BMDL	470	U	BMDL	400	U	BMDL	390	U
218-01-9	B	Chrysene	BMDL	470	U	BMDL	400	U	BMDL	390	U
117-81-7	B	bis(2-Ethylhexyl)phthalate		23000	EB		6600	B		2900	B
117-84-0	B	Di-n-octylphthalate	BMDL	470	U	BMDL	400	U	BMDL	390	U
205-99-2	B	Benzo(b)fluoranthene	BMDL	470	U	BMDL	400	U	BMDL	390	U
207-08-9	B	Benzo(k)fluoranthene	BMDL	470	U	BMDL	400	U	BMDL	390	U
50-32-8	B	Benzo(a)pyrene	BMDL	470	U	BMDL	400	U	BMDL	390	U
193-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	470	U	BMDL	400	U	BMDL	390	U
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	470	U	BMDL	400	U	BMDL	390	U
191-24-2	B	Benzo(g,h,i)perylene	BMDL	470	U	BMDL	400	U	BMDL	390	U
PESTICIDES											
319-84-6	P	Alpha-BHC	BMDL	2.3	U	BMDL	2	U	BMDL	2	U
319-85-7	P	Beta-BHC	BMDL	2.3	U	BMDL	2	U	BMDL	2	U
319-86-8	P	Delta-BHC	BMDL	2.3	U	BMDL	2	U	BMDL	2	U
58-89-9	P	Gamma-BHC	BMDL	2.3	U	BMDL	2	U	BMDL	2	U
76-44-8	P	Heptachlor	BMDL	2.3	U	BMDL	2	U	BMDL	2	U
309-00-2	P	Aldrin	BMDL	2.3	U	BMDL	2	U	BMDL	2	U
1024-57-3	P	Heptachlor Epoxide	BMDL	2.3	U	BMDL	2	U	BMDL	2	U
959-98-8	P	Endosulfan I	BMDL	2.3	U	BMDL	2	U	BMDL	2	U
60-57-1	P	Dieldrin	BMDL	4.7	U	BMDL	4	U	BMDL	3.9	U
72-55-9	P	4,4'-DDE	BMDL	4.7	U	BMDL	4	U	BMDL	3.9	U
72-20-8	P	Endrin	BMDL	4.7	U	BMDL	4	U	BMDL	3.9	U
33213-65-9	P	Endosulfan II	BMDL	4.7	U	BMDL	4	U	BMDL	3.9	U
72-54-8	P	4,4'-DDD	BMDL	4.7	U	BMDL	4	U	BMDL	3.9	U
1031-07-8	P	Endosulfan Sulfate	BMDL	4.7	U	BMDL	4	U	BMDL	3.9	U
50-29-3	P	4,4'-DDT		7.9	P		4	U		3.9	U
72-43-5	P	Methoxychlor	BMDL	23	U	BMDL	20	U	BMDL	20	U
53494-70-5	P	Endrin Ketone	BMDL	4.7	U	BMDL	4	U	BMDL	3.9	U
7421-36-3	P	Endrin Aldehyde	BMDL	4.7	U	BMDL	4	U	BMDL	3.9	U
5103-71-0	P	alpha-Chlordane	BMDL	2.3	U	BMDL	2	U	BMDL	2	U
5103-74-2	P	gamma-Chlordane	BMDL	2.3	U	BMDL	2	U	BMDL	2	U
8001-35-2	P	Toxaphene	BMDL	230	U	BMDL	200	U	BMDL	200	U
12674-11-2	P	Arochlor-1016	BMDL	47	U	BMDL	40	U	BMDL	39	U
11104-28-2	P	Arochlor-1221	BMDL	94	U	BMDL	79	U	BMDL	78	U
11141-16-5	P	Arochlor-1232	BMDL	47	U	BMDL	40	U	BMDL	39	U
53469-21-9	P	Arochlor-1242	BMDL	47	U	BMDL	40	U	BMDL	39	U
12672-29-6	P	Arochlor-1248	BMDL	47	U	BMDL	40	U	BMDL	39	U
11097-89-1	P	Arochlor-1254	BMDL	47	U	BMDL	40	U	BMDL	39	U
11096-82-5	P	Arochlor-1260	BMDL	47	U	BMDL	40	U	BMDL	39	U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PAGE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42B18-6 0846.3 03/14/92 SOIL ug/kg			INDIAN HEAD 42B19-3 0847.1 03/14/92 SOIL ug/kg			INDIAN HEAD 42B19-4 0848.0 03/14/92 SOIL ug/kg		
VOLATILES											
74-87-3	V	Chloromethane	BMDL	13	U	BMDL	13	U	BMDL	12	U
74-83-9	V	Bromomethane	BMDL	13	U	BMDL	13	U	BMDL	12	U
75-01-4	V	Vinyl Chloride	BMDL	13	U	BMDL	13	U	BMDL	12	U
75-00-3	V	Chloroethane	BMDL	13	U	BMDL	13	U	BMDL	12	U
75-09-2	V	Methylene Chloride	BMDL	13	U	BMDL	13	U	BMDL	12	U
67-64-1	V	Acetone	BMDL	13	U	BMDL	13	U	BMDL	12	U
75-15-0	V	Carbon Disulfide	BMDL	13	U	BMDL	13	U	BMDL	12	U
75-35-4	V	1,1-Dichloroethane	BMDL	13	U	BMDL	13	U	BMDL	12	U
75-34-3	V	1,1-Dichloroethane	BMDL	13	U	BMDL	13	U	BMDL	12	U
540-59-0	V	1,2-Dichloroethane (total)	BMDL	13	U	BMDL	12	J		57	
67-66-3	V	Chloroform	BMDL	13	U	BMDL	13	U	BMDL	12	U
107-06-2	V	1,2-Dichloroethane	BMDL	13	U	BMDL	13	U	BMDL	12	U
78-83-3	V	2-Butanone	BMDL	13	U	BMDL	13	U	BMDL	12	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	13	U	BMDL	13	U	BMDL	12	U
56-23-5	V	Carbon Tetrachloride	BMDL	13	U	BMDL	13	U	BMDL	12	U
75-27-4	V	Bromodichloromethane	BMDL	13	U	BMDL	13	U	BMDL	12	U
78-87-5	V	1,2-Dichloropropane	BMDL	13	U	BMDL	13	U	BMDL	12	U
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	13	U	BMDL	13	U	BMDL	12	U
79-01-5	V	Trichloroethene	BMDL	13	U		35			290	E
124-48-1	V	Dibromochloromethane	BMDL	13	U	BMDL	13	U	BMDL	12	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	13	U	BMDL	13	U	BMDL	12	U
71-43-2	V	Benzene	BMDL	13	U	BMDL	13	U	BMDL	12	U
10061-02-6	V	trans-1,3-Dichloropropene	BMDL	13	U	BMDL	13	U	BMDL	12	U
75-25-2	V	Bromoform	BMDL	13	U	BMDL	13	U	BMDL	12	U
106-10-1	V	4-Methyl-2-Pentanone	BMDL	13	U	BMDL	13	U	BMDL	12	U
591-78-6	V	2-Hexanone	BMDL	13	U	BMDL	13	U	BMDL	12	U
127-18-4	V	Tetrachloroethene	BMDL	13	U	BMDL	13	U	BMDL	12	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	13	U	BMDL	13	U	BMDL	12	U
108-88-3	V	Toluene	BMDL	13	U	BMDL	13	U	BMDL	12	U
108-90-7	V	Chlorobenzene	BMDL	13	U	BMDL	13	U	BMDL	12	U
100-41-4	V	Ethylbenzene	BMDL	13	U	BMDL	13	U	BMDL	12	U
100-42-5	V	Styrene	BMDL	13	U	BMDL	13	U	BMDL	12	U
1330-20-7	V	Xylene (total)	BMDL	13	U	BMDL	13	U	BMDL	12	U
SEMI-VOLATILES											
108-95-2	B	Phenol	BMDL	430	U	BMDL	430	U	BMDL	400	U
111-44-4	B	bis(2-Chloroethyl) ether	BMDL	430	U	BMDL	430	U	BMDL	400	U
95-57-8	B	2-Chlorophenol	BMDL	430	U	BMDL	430	U	BMDL	400	U
541-73-1	B	1,3-Dichlorobenzene	BMDL	430	U	BMDL	430	U	BMDL	400	U
106-46-7	B	1,4-Dichlorobenzene	BMDL	430	U	BMDL	430	U	BMDL	400	U
95-50-1	B	1,2-Dichlorobenzene	BMDL	430	U	BMDL	430	U	BMDL	400	U
95-48-7	B	2-Methylphenol	BMDL	430	U	BMDL	430	U	BMDL	400	U
108-60-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	430	U	BMDL	430	U	BMDL	400	U
106-44-5	B	4-Methylphenol	BMDL	430	U	BMDL	430	U	BMDL	400	U
621-84-7	B	N-Nitroso-di-n-propylamine	BMDL	430	U	BMDL	430	U	BMDL	400	U
67-72-1	B	Hexachloroethane	BMDL	430	U	BMDL	430	U	BMDL	400	U
98-95-3	B	Nitrobenzene	BMDL	430	U	BMDL	430	U	BMDL	400	U
78-59-1	B	Isophorone	BMDL	430	U	BMDL	430	U	BMDL	400	U
88-75-5	B	2-Nitrophenol	BMDL	430	U	BMDL	430	U	BMDL	400	U
105-67-9	B	2,4-Dimethylphenol	BMDL	430	U	BMDL	430	U	BMDL	400	U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	430	U	BMDL	430	U	BMDL	400	U
120-83-2	B	2,4-Dichlorophenol	BMDL	430	U	BMDL	430	U	BMDL	400	U
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	430	U	BMDL	430	U	BMDL	400	U
91-20-3	B	Naphthalene	BMDL	430	U	BMDL	430	U	BMDL	400	U
106-47-8	B	4-Chloroaniline	BMDL	430	U	BMDL	430	U	BMDL	400	U
87-68-3	B	Hexachlorobutadiene	BMDL	430	U	BMDL	430	U	BMDL	400	U
59-50-7	B	4-Chloro-3-methylphenol	BMDL	430	U	BMDL	430	U	BMDL	400	U
91-57-6	B	2-Methylnaphthalene	BMDL	430	U	BMDL	430	U	BMDL	400	U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	430	U	BMDL	430	U	BMDL	400	U
88-06-2	B	2,4,6-Trichlorophenol	BMDL	430	U	BMDL	430	U	BMDL	400	U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	1100	U	BMDL	1100	U	BMDL	1000	U
91-58-7	B	2-Chloronaphthalene	BMDL	430	U	BMDL	430	U	BMDL	400	U
88-74-4	B	2-Nitroaniline	BMDL	1100	U	BMDL	1100	U	BMDL	1000	U
131-11-3	B	Dimethylphthalate	BMDL	430	U	BMDL	430	U	BMDL	400	U
208-96-6	B	Acenaphthylene	BMDL	430	U	BMDL	430	U	BMDL	400	U
806-20-2	B	2,6-Dinitrotoluene	BMDL	430	U	BMDL	430	U	BMDL	400	U
99-09-2	B	3-Nitroaniline	BMDL	1100	U	BMDL	1100	U	BMDL	1000	U
83-32-9	B	Acenaphthene	BMDL	430	U	BMDL	430	U	BMDL	400	U
51-28-5	B	2,4-Dinitrophenol	BMDL	1100	U	BMDL	1100	U	BMDL	1000	U
100-02-7	B	4-Nitrophenol	BMDL	1100	U	BMDL	1100	U	BMDL	1000	U
132-84-9	B	Dibenzofuran	BMDL	430	U	BMDL	430	U	BMDL	400	U
121-14-2	B	2,4-Dinitrotoluene	BMDL	430	U	BMDL	430	U	BMDL	400	U
84-86-2	B	Diethylphthalate	BMDL	430	U	BMDL	430	U	BMDL	400	U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	430	U	BMDL	430	U	BMDL	400	U
86-73-7	B	Fluorane	BMDL	430	U	BMDL	430	U	BMDL	400	U
100-01-6	B	4-Nitroaniline	BMDL	1100	U	BMDL	1100	U	BMDL	1000	U
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	1100	U	BMDL	1100	U	BMDL	1000	U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION		INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
		SAMPLE ID	UNITS	42B18-6	UNITS	42B19-3	UNITS	42B19-4	UNITS
		PACE ID		0848.3		0847.1		0848.0	
		DATE OF ANALYSIS		03/14/92		03/14/92		03/14/92	
		MATRIX		SOIL		SOIL		SOIL	
		UNITS		ug/kg		ug/kg		ug/kg	
88-30-8	B	N-Nitrosodiphenylamine	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
101-55-3	B	4-Bromophenyl-phenylether	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
118-74-1	B	Hexachlorobenzene	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
97-89-5	B	Pentachlorophenol	BMDL	1100 U	BMDL	1100 U	BMDL	1000 U	U
85-01-8	B	Phenanthrene	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
120-12-7	B	Anthracene	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
86-74-8	B	Carbazole	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
84-74-2	B	Di-n-butylphthalate	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
205-44-0	B	Fluoranthene	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
129-00-0	B	Pyrene	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
85-68-7	B	Butylbenzylphthalate	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
91-94-1	B	3,3'-Dichlorobenzidine	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
58-55-3	B	Benzo(a)anthracene	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
218-01-9	B	Chrysene	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
117-81-7	B	bis(2-Ethylhexyl)phthalate		3100 B		2000 B		6400 B	B
117-84-0	B	Di-n-octylphthalate	BMDL	430 U		47 JB	BMDL	400 U	U
205-99-2	B	Benzo(b)fluoranthene	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
207-08-9	B	Benzo(k)fluoranthene	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
50-32-8	B	Benzo(a)pyrene	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
193-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
191-24-2	B	Benzo(g,h,i)perylene	BMDL	430 U	BMDL	430 U	BMDL	400 U	U
PESTICIDES									
319-84-6	P	Alpha-BHC	BMDL	2.1 U	BMDL	2.1 U	BMDL	2 U	U
319-85-7	P	Beta-BHC	BMDL	2.1 U	BMDL	2.1 U	BMDL	2 U	U
319-86-8	P	Delta-BHC	BMDL	2.1 U	BMDL	2.1 U	BMDL	2 U	U
58-89-9	P	Gamma-BHC	BMDL	2.1 U	BMDL	2.1 U	BMDL	2 U	U
76-44-6	P	Heptachlor	BMDL	2.1 U	BMDL	2.1 U	BMDL	2 U	U
309-00-2	P	Aldrin	BMDL	2.1 U	BMDL	2.1 U	BMDL	2 U	U
1024-57-3	P	Heptachlor Epoxide	BMDL	2.1 U	BMDL	2.1 U	BMDL	2 U	U
959-98-8	P	Endosulfan I	BMDL	2.1 U	BMDL	2.1 U	BMDL	2 U	U
60-57-1	P	Dieldrin	BMDL	4.3 U	BMDL	4.3 U	BMDL	4 U	U
72-55-9	P	4,4'-DDE	BMDL	4.3 U	BMDL	4.3 U	BMDL	4 U	U
72-20-8	P	Endrin	BMDL	4.3 U	BMDL	4.3 U	BMDL	4 U	U
33213-05-9	P	Endosulfan II	BMDL	4.3 U	BMDL	4.3 U	BMDL	4 U	U
72-54-8	P	4,4'-DDD	BMDL	4.3 U	BMDL	4.3 U	BMDL	4 U	U
1031-07-8	P	Endosulfan Sulfate	BMDL	4.3 U	BMDL	4.3 U	BMDL	4 U	U
50-29-3	P	4,4'-DDT	BMDL	4.3 U		4.7	BMDL	4 U	U
72-43-5	P	Methoxychlor	BMDL	21 U	BMDL	21 U	BMDL	20 U	U
53494-70-5	P	Endrin Ketone	BMDL	4.3 U	BMDL	4.3 U	BMDL	4 U	U
7421-36-3	P	Endrin Aldehyde	BMDL	4.3 U	BMDL	4.3 U	BMDL	4 U	U
5103-71-9	P	alpha-Chlordane	BMDL	2.1 U	BMDL	2.1 U	BMDL	2 U	U
5103-74-2	P	gamma-Chlordane	BMDL	2.1 U	BMDL	2.1 U	BMDL	2 U	U
8001-35-2	P	Toxaphene	BMDL	210 U	BMDL	210 U	BMDL	200 U	U
12674-11-2	P	Arochlor-1018	BMDL	43 U	BMDL	43 U	BMDL	40 U	U
11104-28-2	P	Arochlor-1221	BMDL	85 U	BMDL	85 U	BMDL	80 U	U
11141-16-5	P	Arochlor-1232	BMDL	43 U	BMDL	43 U	BMDL	40 U	U
53469-21-9	P	Arochlor-1242	BMDL	43 U	BMDL	43 U	BMDL	40 U	U
12672-29-6	P	Arochlor-1248	BMDL	43 U	BMDL	43 U	BMDL	40 U	U
11097-69-1	P	Arochlor-1254	BMDL	43 U	BMDL	43 U	BMDL	40 U	U
11096-82-5	P	Arochlor-1260	BMDL	43 U	BMDL	43 U	BMDL	40 U	U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42B19-4 RE 0848.0 03/14/92 SOIL ug/kg			INDIAN HEAD 42B19-5 0849.8 03/14/92 SOIL ug/kg			INDIAN HEAD 42B20-2 0850.1 03/14/92 SOIL ug/kg		
VOLATILES											
74-87-3	V	Chloromethane	BMDL	30	U	BMDL	14	U	BMDL	12	U
74-83-9	V	Bromomethane	BMDL	30	U	BMDL	14	U	BMDL	12	U
75-01-4	V	Vinyl Chloride	BMDL	30	U	BMDL	14	U	BMDL	12	U
75-00-3	V	Chloroethane	BMDL	30	U	BMDL	14	U	BMDL	12	U
75-09-2	V	Methylene Chloride	BMDL	30	U	BMDL	14	U		4	J
67-64-1	V	Acetone	BMDL	30	U	BMDL	14	U	BMDL	12	U
75-15-0	V	Carbon Disulfide	BMDL	30	U	BMDL	14	U	BMDL	12	U
75-35-4	V	1,1-Dichloroethane	BMDL	30	U	BMDL	14	U	BMDL	12	U
75-34-3	V	1,1-Dichloroethane	BMDL	30	U	BMDL	14	U	BMDL	12	U
540-59-0	V	1,2-Dichloroethane (total)		21	J	BMDL	14	U	BMDL	12	U
67-66-3	V	Chloroform	BMDL	30	U	BMDL	14	U	BMDL	12	U
107-06-2	V	1,2-Dichloroethane	BMDL	30	U	BMDL	14	U	BMDL	12	U
78-83-3	V	2-Butanone	BMDL	30	U	BMDL	14	U	BMDL	12	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	30	U	BMDL	14	U	BMDL	12	U
56-23-5	V	Carbon Tetrachloride	BMDL	30	U	BMDL	14	U	BMDL	12	U
75-27-4	V	Bromochloromethane	BMDL	30	U	BMDL	14	U	BMDL	12	U
78-87-5	V	1,2-Dichloropropane	BMDL	30	U	BMDL	14	U	BMDL	12	U
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	30	U	BMDL	14	U	BMDL	12	U
79-01-8	V	Trichloroethene		84			180		BMDL	12	U
124-48-1	V	Dibromochloromethane	BMDL	30	U	BMDL	14	U	BMDL	12	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	30	U	BMDL	14	U	BMDL	12	U
71-43-2	V	Benzene	BMDL	30	U	BMDL	14	U	BMDL	12	U
10061-02-6	V	trans-1,3-Dichloropropene	BMDL	30	U	BMDL	14	U	BMDL	12	U
75-25-2	V	Bromoform	BMDL	30	U	BMDL	14	U	BMDL	12	U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	30	U	BMDL	14	U	BMDL	12	U
591-78-6	V	2-Hexanone	BMDL	30	U	BMDL	14	U	BMDL	12	U
127-18-4	V	Tetrachloroethene	BMDL	30	U	BMDL	14	U	BMDL	12	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	30	U	BMDL	14	U	BMDL	12	U
108-88-3	V	Toluene	BMDL	30	U	BMDL	14	U	BMDL	12	U
108-90-7	V	Chlorobenzene	BMDL	30	U	BMDL	14	U	BMDL	12	U
100-41-4	V	Ethylbenzene	BMDL	30	U	BMDL	14	U	BMDL	12	U
100-42-5	V	Styrene	BMDL	30	U	BMDL	14	U	BMDL	12	U
1330-20-7	V	Xylene (total)	BMDL	30	U	BMDL	14	U	BMDL	12	U
SEMI-VOLATILES											
108-95-2	B	Phenol	SAMPLE WAS RE-ANALYZED FOR VOLATILES ONLY.			BMDL	460	U	BMDL	390	U
111-44-4	B	bis(2-Chloroethyl)ether				BMDL	460	U	BMDL	390	U
95-57-8	B	2-Chlorophenol				BMDL	460	U	BMDL	390	U
541-73-1	B	1,3-Dichlorobenzene				BMDL	460	U	BMDL	390	U
106-46-7	B	1,4-Dichlorobenzene				BMDL	460	U	BMDL	390	U
95-50-1	B	1,2-Dichlorobenzene				BMDL	460	U	BMDL	390	U
95-48-7	B	2-Methylphenol				BMDL	460	U	BMDL	390	U
108-80-1	B	2,2-dybis(1-Chloropropane)				BMDL	460	U	BMDL	390	U
106-44-5	B	4-Methylphenol				BMDL	460	U	BMDL	390	U
621-64-7	B	N-Nitroso-d-n-propylamine				BMDL	460	U	BMDL	390	U
67-72-1	B	Hexachloroethane				BMDL	460	U	BMDL	390	U
68-95-3	B	Nitrobenzene				BMDL	460	U	BMDL	390	U
78-59-1	B	Isophorone				BMDL	460	U	BMDL	390	U
88-75-5	B	2-Nitrophenol				BMDL	460	U	BMDL	390	U
105-67-9	B	2,4-Dimethylphenol				BMDL	460	U	BMDL	390	U
111-91-1	B	bis(2-Chloroethoxy)methane				BMDL	460	U	BMDL	390	U
120-83-2	B	2,4-Dichlorophenol				BMDL	460	U	BMDL	390	U
120-82-1	B	1,2,4-Trichlorobenzene				BMDL	460	U	BMDL	390	U
91-20-3	B	Naphthalene				BMDL	460	U	BMDL	390	U
108-47-8	B	4-Chloroaniline				BMDL	460	U	BMDL	390	U
87-68-3	B	Hexachlorobutadiene				BMDL	460	U	BMDL	390	U
59-50-7	B	4-Chloro-3-methylphenol				BMDL	460	U	BMDL	390	U
91-57-6	B	2-Methylnaphthalene				BMDL	460	U	BMDL	390	U
77-47-4	B	Hexachlorocyclopentadiene				BMDL	460	U	BMDL	390	U
88-06-2	B	2,4,6-Trichlorophenol				BMDL	460	U	BMDL	390	U
95-95-4	B	2,4,5-Trichlorophenol				BMDL	1200	U	BMDL	970	U
91-58-7	B	2-Chloronaphthalene				BMDL	460	U	BMDL	390	U
88-74-4	B	2-Nitroaniline				BMDL	1200	U	BMDL	970	U
131-11-3	B	Dimethylphthalate				BMDL	460	U	BMDL	390	U
208-96-8	B	Acenaphthylene				BMDL	460	U	BMDL	390	U
506-20-2	B	2,6-Dinitrotoluene				BMDL	460	U	BMDL	390	U
99-09-2	B	3-Nitroaniline				BMDL	1200	U	BMDL	970	U
83-32-9	B	Acenaphthene				BMDL	460	U	BMDL	390	U
51-28-5	B	2,4-Dinitrophenol				BMDL	1200	U	BMDL	970	U
100-02-7	B	4-Nitrophenol				BMDL	1200	U	BMDL	970	U
132-84-9	B	Dibenzofuran				BMDL	460	U	BMDL	390	U
121-14-2	B	2,4-Dinitrotoluene				BMDL	460	U	BMDL	390	U
84-66-2	B	Diethylphthalate				BMDL	460	U	BMDL	390	U
7005-72-3	B	4-Chlorophenyl-phenylether				BMDL	460	U	BMDL	390	U
86-73-7	B	Fluorane				BMDL	460	U	BMDL	390	U
100-01-6	B	4-Nitroaniline				BMDL	1200	U	BMDL	970	U
534-52-1	B	4,6-Dinitro-2-methylphenol				BMDL	1200	U	BMDL	970	U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
			42B19-4 RE 0848.0 03/14/92 SOIL ug/kg	42B19-5 0849.8 03/14/92 SOIL ug/kg	42B20-2 0850.1 03/14/92 SOIL ug/kg	42B20-2 0850.1 03/14/92 SOIL ug/kg	42B20-2 0850.1 03/14/92 SOIL ug/kg	42B20-2 0850.1 03/14/92 SOIL ug/kg
86-30-6	B	N-Nitrosodiphenylamine		BMDL 480 U	BMDL 390 U			
101-55-3	B	4-Bromophenyl-phenylether		BMDL 480 U	BMDL 390 U			
118-74-1	B	Hexachlorobenzene		BMDL 480 U	BMDL 390 U			
87-86-5	B	Pentachlorophenol		BMDL 1200 U	BMDL 970 U			
85-01-8	B	Phenanthrene		BMDL 480 U	BMDL 390 U			
120-12-7	B	Anthracene		BMDL 480 U	BMDL 390 U			
86-74-8	B	Carbazole		BMDL 480 U	BMDL 390 U			
84-74-2	B	Di-n-butylphthalate		BMDL 480 U	BMDL 390 U			
206-44-0	B	Fluoranthene		BMDL 480 U	BMDL 390 U			
129-00-0	B	Pyrene		BMDL 480 U	BMDL 390 U			
85-68-7	B	Butylbenzylphthalate		BMDL 480 U	BMDL 390 U			
91-94-1	B	3,3'-Dichlorobenzidine		BMDL 480 U	BMDL 390 U			
56-55-3	B	Benzo(a)anthracene		BMDL 480 U	BMDL 390 U			
218-01-9	B	Chrysene		BMDL 480 U	BMDL 390 U			
117-81-7	B	bis(2-Ethylhexyl)phthalate		18000 EB		4900 B		
117-84-0	B	Di-n-octylphthalate		BMDL 480 U	BMDL 390 U			
205-99-2	B	Benzo(b)fluoranthene		BMDL 480 U	BMDL 390 U			
207-08-9	B	Benzo(k)fluoranthene		BMDL 480 U	BMDL 390 U			
50-32-8	B	Benzo(a)pyrene		BMDL 480 U	BMDL 390 U			
183-38-5	B	Indeno(1,2,3-cd)pyrene		BMDL 480 U	BMDL 390 U			
53-70-3	B	Dibenzo(a,h)anthracene		BMDL 480 U	BMDL 390 U			
191-24-2	B	Benzo(g,h,i)perylene		BMDL 480 U	BMDL 390 U			
PESTICIDES								
319-84-6	P	Alpha-BHC	SAMPLE WAS RE-	BMDL 2.3 U	BMDL 1.9 U			
319-85-7	P	Beta-BHC	ANALYZED FOR	BMDL 2.3 U	BMDL 1.9 U			
319-86-8	P	Delta-BHC	VOLATILES ONLY.	BMDL 2.3 U	BMDL 1.9 U			
58-89-9	P	Gamma-BHC		BMDL 2.3 U	BMDL 1.9 U			
76-44-8	P	Heptachlor		BMDL 2.3 U	BMDL 1.9 U			
309-00-2	P	Aldrin		BMDL 2.3 U	BMDL 1.9 U			
1024-57-3	P	Heptachlor Epoxide		BMDL 2.3 U	BMDL 1.9 U			
959-98-8	P	Endosulfan I		BMDL 2.3 U	BMDL 1.9 U			
60-57-1	P	Dieldrin		BMDL 4.6 U	BMDL 3.9 U			
72-55-9	P	4,4'-DDE		BMDL 4.6 U	BMDL 3.9 U			
72-20-8	P	Endrin		BMDL 4.6 U	BMDL 3.9 U			
33213-65-9	P	Endosulfan II		BMDL 4.6 U	BMDL 3.9 U			
72-54-8	P	4,4'-DDD		BMDL 4.6 U	BMDL 3.9 U			
1031-07-8	P	Endosulfan Sulfate		BMDL 4.6 U	BMDL 3.9 U			
50-29-3	P	4,4'-DDT		BMDL 4.6 U	BMDL 3.9 U			
72-43-5	P	Methoxychlor		BMDL 23 U	BMDL 19 U			
53494-70-5	P	Endrin Ketone		BMDL 4.6 U	BMDL 3.9 U			
7421-36-3	P	Endrin Aldehyde		BMDL 4.6 U	BMDL 3.9 U			
5103-71-9	P	alpha-Chlordane		BMDL 2.3 U	BMDL 1.9 U			
5103-74-2	P	gamma-Chlordane		BMDL 2.3 U	BMDL 1.9 U			
8001-35-2	P	Toxaphene		BMDL 230 U	BMDL 190 U			
12674-11-2	P	Arochlor-1016		BMDL 46 U	BMDL 39 U			
11104-28-2	P	Arochlor-1221		BMDL 93 U	BMDL 78 U			
11141-16-5	P	Arochlor-1232		BMDL 46 U	BMDL 39 U			
53489-21-9	P	Arochlor-1242		BMDL 46 U	BMDL 39 U			
12672-29-6	P	Arochlor-1248		BMDL 46 U	BMDL 39 U			
11097-69-1	P	Arochlor-1254		BMDL 46 U	BMDL 39 U			
11096-82-5	P	Arochlor-1260		BMDL 46 U	BMDL 39 U			

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42B20-3 0851.0 03/14/92 SOIL ug/kg			INDIAN HEAD 42B20-5 0852.8 03/14/92 SOIL ug/kg			INDIAN HEAD 42B21-2 0853.6 03/14/92 SOIL ug/kg		
VOLATILES											
74-87-3	V	Chloromethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
74-83-9	V	Bromomethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
75-01-4	V	Vinyl Chloride	BMDL	12	U	BMDL	12	U	BMDL	13	U
75-00-3	V	Chloroethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
75-09-2	V	Methylene Chloride	BMDL	12	U	BMDL	12	U	BMDL	13	U
67-84-1	V	Acetone		9	J	BMDL	12	U	BMDL	13	U
75-15-0	V	Carbon Disulfide	BMDL	12	U	BMDL	12	U	BMDL	13	U
75-35-4	V	1,1-Dichloroethene	BMDL	12	U	BMDL	12	U	BMDL	13	U
75-34-3	V	1,1-Dichloroethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
540-59-0	V	1,2-Dichloroethene (total)	BMDL	12	U	BMDL	12	U	BMDL	13	U
67-86-3	V	Chloroform	BMDL	12	U	BMDL	12	U	BMDL	13	U
107-06-2	V	1,2-Dichloroethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
78-93-3	V	2-Butanone	BMDL	12	U	BMDL	12	U	BMDL	13	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
56-23-5	V	Carbon Tetrachloride	BMDL	12	U	BMDL	12	U	BMDL	13	U
75-27-4	V	Bromodichloromethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
78-87-5	V	1,2-Dichloropropane	BMDL	12	U	BMDL	12	U	BMDL	13	U
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	12	U	BMDL	12	U	BMDL	13	U
79-01-6	V	Trichloroethene	BMDL	12	U	BMDL	12	U	BMDL	13	U
124-48-1	V	Dibromochloromethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
71-43-2	V	Benzene	BMDL	12	U	BMDL	12	U	BMDL	13	U
10061-02-8	V	trans-1,3-Dichloropropene	BMDL	12	U	BMDL	12	U	BMDL	13	U
75-25-2	V	Bromoform	BMDL	12	U	BMDL	12	U	BMDL	13	U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	12	U	BMDL	12	U	BMDL	13	U
591-78-6	V	2-Hexanone	BMDL	12	U	BMDL	12	U	BMDL	13	U
127-18-4	V	Tetrachloroethene	BMDL	12	U	BMDL	12	U	BMDL	13	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
108-88-3	V	Toluene	BMDL	12	U	BMDL	12	U	BMDL	13	U
108-90-7	V	Chlorobenzene	BMDL	12	U	BMDL	12	U	BMDL	13	U
100-41-4	V	Ethylbenzene	BMDL	12	U	BMDL	12	U	BMDL	13	U
100-42-5	V	Styrene	BMDL	12	U	BMDL	12	U	BMDL	13	U
1330-20-7	V	Xylene (total)	BMDL	12	U	BMDL	12	U	BMDL	13	U
SEMI-VOLATILES											
108-95-2	B	Phenol	BMDL	420	U	BMDL	420	U	BMDL	420	U
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	420	U	BMDL	420	U	BMDL	420	U
95-57-8	B	2-Chlorophenol	BMDL	420	U	BMDL	420	U	BMDL	420	U
541-73-1	B	1,3-Dichlorobenzene	BMDL	420	U	BMDL	420	U	BMDL	420	U
106-46-7	B	1,4-Dichlorobenzene	BMDL	420	U	BMDL	420	U	BMDL	420	U
95-50-1	B	1,2-Dichlorobenzene	BMDL	420	U	BMDL	420	U	BMDL	420	U
95-48-7	B	2-Methylphenol	BMDL	420	U	BMDL	420	U	BMDL	420	U
108-60-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	420	U	BMDL	420	U	BMDL	420	U
106-44-5	B	4-Methylphenol	BMDL	420	U	BMDL	420	U	BMDL	420	U
621-64-7	B	N-Nitroso-di-n-propylamine	BMDL	420	U	BMDL	420	U	BMDL	420	U
97-72-1	B	Hexachloroethane	BMDL	420	U	BMDL	420	U	BMDL	420	U
98-95-3	B	Nitrobenzene	BMDL	420	U	BMDL	420	U	BMDL	420	U
78-59-1	B	Isophorone	BMDL	420	U	BMDL	420	U	BMDL	420	U
88-75-5	B	2-Nitrophenol	BMDL	420	U	BMDL	420	U	BMDL	420	U
105-67-9	B	2,4-Dimethylphenol	BMDL	420	U	BMDL	420	U	BMDL	420	U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	420	U	BMDL	420	U	BMDL	420	U
120-83-2	B	2,4-Dichlorophenol	BMDL	420	U	BMDL	420	U	BMDL	420	U
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	420	U	BMDL	420	U	BMDL	420	U
91-20-3	B	Naphthalene	BMDL	420	U	BMDL	420	U	BMDL	420	U
106-47-8	B	4-Chloroaniline	BMDL	420	U	BMDL	420	U	BMDL	420	U
87-68-3	B	Hexachlorobutadiene	BMDL	420	U	BMDL	420	U	BMDL	420	U
59-50-7	B	4-Chloro-3-methylphenol	BMDL	420	U	BMDL	420	U	BMDL	420	U
91-57-6	B	2-Methylnaphthalene	BMDL	420	U	BMDL	420	U	BMDL	420	U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	420	U	BMDL	420	U	BMDL	420	U
88-08-2	B	2,4,6-Trichlorophenol	BMDL	420	U	BMDL	420	U	BMDL	420	U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	1000	U	BMDL	1000	U	BMDL	1100	U
91-58-7	B	2-Chloronaphthalene	BMDL	420	U	BMDL	420	U	BMDL	420	U
88-74-4	B	2-Nitroaniline	BMDL	1000	U	BMDL	1000	U	BMDL	1100	U
131-11-3	B	Dimethylnaphthalene	BMDL	420	U	BMDL	420	U	BMDL	420	U
208-96-8	B	Acenaphthylene	BMDL	420	U	BMDL	420	U	BMDL	420	U
606-20-2	B	2,6-Dinitrotoluene	BMDL	420	U	BMDL	420	U	BMDL	420	U
99-09-2	B	3-Nitroaniline	BMDL	1000	U	BMDL	1000	U	BMDL	1100	U
83-32-9	B	Acenaphthene	BMDL	420	U	BMDL	420	U	BMDL	420	U
51-28-5	B	2,4-Dinitrophenol	BMDL	1000	U	BMDL	1000	U	BMDL	1100	U
100-02-7	B	4-Nitrophenol	BMDL	1000	U	BMDL	1000	U	BMDL	1100	U
132-64-9	B	Dibenzofuran	BMDL	420	U	BMDL	420	U	BMDL	420	U
121-14-2	B	2,4-Dinitrotoluene	BMDL	420	U	BMDL	420	U	BMDL	420	U
84-66-2	B	Diethylnaphthalene	BMDL	420	U	BMDL	420	U	BMDL	420	U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	420	U	BMDL	420	U	BMDL	420	U
85-73-7	B	Fluorene	BMDL	420	U	BMDL	420	U	BMDL	420	U
100-01-8	B	4-Nitroaniline	BMDL	1000	U	BMDL	1000	U	BMDL	1100	U
534-82-1	B	4,6-Dinitro-2-methylphenol	BMDL	1000	U	BMDL	1000	U	BMDL	1100	U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42B20-3 0851.0 03/14/92 SOIL ug/kg			INDIAN HEAD 42B20-5 0852.8 03/14/92 SOIL ug/kg			INDIAN HEAD 42B21-2 0853.8 03/14/92 SOIL ug/kg		
			ug/kg			ug/kg			ug/kg		
86-30-6	B	N-Nitrosodiphenylamine	BMDL	420	U	BMDL	420	U	BMDL	420	U
101-55-3	B	4-Bromophenyl-phenylether	BMDL	420	U	BMDL	420	U	BMDL	420	U
118-74-1	B	Hexachlorobenzene	BMDL	420	U	BMDL	420	U	BMDL	420	U
87-86-5	B	Pentachlorophenol	BMDL	1000	U	BMDL	1000	U	BMDL	1100	U
85-01-8	B	Phenanthrene	BMDL	420	U	BMDL	420	U	BMDL	420	U
120-12-7	B	Anthracene	BMDL	420	U	BMDL	420	U	BMDL	420	U
86-74-8	B	Carbazole	BMDL	420	U	BMDL	420	U	BMDL	420	U
84-74-2	B	Di-n-butylphthalate	BMDL	420	U	BMDL	420	U	BMDL	420	U
206-44-0	B	Fluoranthene	BMDL	420	U	BMDL	420	U	BMDL	420	U
129-00-0	B	Pyrene	BMDL	420	U	BMDL	420	U	BMDL	420	U
85-68-7	B	Butylbenzylphthalate	BMDL	420	U	BMDL	420	U	BMDL	420	U
91-94-1	B	3,3'-Dichlorobenzidine	BMDL	420	U	BMDL	420	U	BMDL	420	U
56-55-3	B	Benzo(a)anthracene	BMDL	420	U	BMDL	420	U	BMDL	420	U
218-01-0	B	Chrysene	BMDL	420	U	BMDL	420	U	BMDL	420	U
117-81-7	B	bis(2-Ethylhexyl)phthalate		1700	B		20000	EB		13000	EB
117-84-0	B	Di-n-octylphthalate	BMDL	420	U	BMDL	420	U	BMDL	420	U
205-99-2	B	Benzo(b)fluoranthene	BMDL	420	U	BMDL	420	U	BMDL	420	U
207-08-9	B	Benzo(k)fluoranthene	BMDL	420	U	BMDL	420	U	BMDL	420	U
50-32-8	B	Benzo(a)pyrene	BMDL	420	U	BMDL	420	U	BMDL	420	U
193-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	420	U	BMDL	420	U	BMDL	420	U
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	420	U	BMDL	420	U	BMDL	420	U
191-24-2	B	Benzo(g,h,i)perylene	BMDL	420	U	BMDL	420	U	BMDL	420	U
PESTICIDES											
319-84-6	P	Alpha-BHC	BMDL	2.1	U	BMDL	2.1	U	BMDL	2.1	U
319-85-7	P	Beta-BHC	BMDL	2.1	U	BMDL	2.1	U	BMDL	2.1	U
319-86-8	P	Delta-BHC	BMDL	2.1	U	BMDL	2.1	U	BMDL	2.1	U
58-89-0	P	Gamma-BHC	BMDL	2.1	U	BMDL	2.1	U	BMDL	2.1	U
76-44-8	P	Heptachlor	BMDL	2.1	U	BMDL	2.1	U	BMDL	2.1	U
309-00-2	F	Aldrin	BMDL	2.1	U	BMDL	2.1	U	BMDL	2.1	U
1024-57-3	P	Heptachlor Epoxide	BMDL	2.1	U	BMDL	2.1	U	BMDL	2.1	U
959-98-8	P	Endosulfan I	BMDL	2.1	U	BMDL	2.1	U	BMDL	2.1	U
60-57-1	P	Dieldrin	BMDL	4.2	U	BMDL	4.2	U	BMDL	4.2	U
72-55-0	P	4,4'-DDE	BMDL	4.2	U	BMDL	4.2	U	BMDL	4.2	U
72-20-8	P	Endrin	BMDL	4.2	U	BMDL	4.2	U	BMDL	4.2	U
33213-85-9	P	Endosulfan II	BMDL	4.2	U	BMDL	4.2	U	BMDL	4.2	U
72-54-8	P	4,4'-DDD	BMDL	4.2	U	BMDL	4.2	U	BMDL	4.2	U
1031-07-8	P	Endosulfan Sulfate	BMDL	4.2	U	BMDL	4.2	U	BMDL	4.2	U
50-29-3	P	4,4'-DDT	BMDL	4.2	U		4.2	P		5.4	P
72-43-5	P	Methoxychlor	BMDL	21	U	BMDL	21	U	BMDL	21	U
53494-70-5	P	Endrin Ketone	BMDL	4.2	U	BMDL	4.2	U	BMDL	4.2	U
7421-36-3	P	Endrin Aldehyde	BMDL	4.2	U	BMDL	4.2	U	BMDL	4.2	U
5103-71-0	P	alpha-Chlordane	BMDL	2.1	U	BMDL	2.1	U	BMDL	2.1	U
5103-74-2	P	gamma-Chlordane	BMDL	2.1	U	BMDL	2.1	U	BMDL	2.1	U
8001-35-2	P	Toxaphene	BMDL	210	U	BMDL	210	U	BMDL	210	U
12874-11-2	P	Arochlor-1016	BMDL	42	U	BMDL	42	U	BMDL	42	U
11104-28-2	P	Arochlor-1221	BMDL	83	U	BMDL	83	U	BMDL	84	U
11141-18-5	P	Arochlor-1232	BMDL	42	U	BMDL	42	U	BMDL	42	U
53469-21-9	P	Arochlor-1242	BMDL	42	U	BMDL	42	U	BMDL	42	U
12872-29-0	P	Arochlor-1248	BMDL	42	U	BMDL	42	U	BMDL	42	U
11097-69-1	P	Arochlor-1254	BMDL	42	U	BMDL	42	U	BMDL	42	U
11098-82-5	P	Arochlor-1260	BMDL	42	U	BMDL	42	U	BMDL	42	U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42821-2 RE 0853.6 03/14/92 SOIL ug/kg			INDIAN HEAD 42821-4 0854.4 03/14/92 SOIL ug/kg			INDIAN HEAD 42821-5 0855.2 03/14/92 SOIL ug/kg		
VOLATILES											
74-87-3	V	Chloromethane	BMDL	13	U	BMDL	12	U	BMDL	12	U
74-83-9	V	Bromomethane	BMDL	13	U	BMDL	12	U	BMDL	12	U
75-01-4	V	Vinyl Chloride	BMDL	13	U	BMDL	12	U	BMDL	12	U
75-00-3	V	Chloroethane	BMDL	13	U	BMDL	12	U	BMDL	12	U
75-09-2	V	Methylene Chloride	BMDL	13	U	BMDL	12	U	BMDL	12	U
67-64-1	V	Acetone	BMDL	13	U	BMDL	12	U	BMDL	12	U
75-15-0	V	Carbon Disulfide	BMDL	13	U	BMDL	12	U	BMDL	12	U
75-35-4	V	1,1-Dichloroethane	BMDL	13	U	BMDL	12	U	BMDL	12	U
75-34-3	V	1,1-Dichloroethane	BMDL	13	U	BMDL	12	U	BMDL	12	U
540-59-0	V	1,2-Dichloroethane (total)	BMDL	13	U	BMDL	12	U	BMDL	12	U
67-66-3	V	Chloroform	BMDL	13	U	BMDL	12	U	BMDL	12	U
107-06-2	V	1,2-Dichloroethane	BMDL	13	U	BMDL	12	U	BMDL	12	U
78-93-3	V	2-Butanone	BMDL	13	U	BMDL	12	U	BMDL	12	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	13	U	BMDL	12	U	BMDL	12	U
56-23-5	V	Carbon Tetrachloride	BMDL	13	U	BMDL	12	U	BMDL	12	U
75-27-4	V	Bromodichloromethane	BMDL	13	U	BMDL	12	U	BMDL	12	U
78-87-5	V	1,2-Dichloropropane	BMDL	13	U	BMDL	12	U	BMDL	12	U
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	13	U	BMDL	12	U	BMDL	12	U
79-01-6	V	Trichloroethene	BMDL	13	U	BMDL	12	U	BMDL	12	U
124-46-1	V	Dibromochloromethane	BMDL	13	U	BMDL	12	U	BMDL	12	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	13	U	BMDL	12	U	BMDL	12	U
71-43-2	V	Benzene	BMDL	13	U	BMDL	12	U	BMDL	12	U
10061-02-6	V	trans-1,3-Dichloropropane	BMDL	13	U	BMDL	12	U	BMDL	12	U
75-25-2	V	Bromoform	BMDL	13	U	BMDL	12	U	BMDL	12	U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	13	U	BMDL	12	U	BMDL	12	U
591-78-6	V	2-Hexanone	BMDL	13	U	BMDL	12	U	BMDL	12	U
127-18-4	V	Tetrachloroethene	BMDL	13	U	BMDL	12	U	BMDL	12	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	13	U	BMDL	12	U	BMDL	12	U
108-88-3	V	Toluene	BMDL	13	U	BMDL	12	U	BMDL	12	U
108-90-7	V	Chlorobenzene	BMDL	13	U	BMDL	12	U	BMDL	12	U
100-41-4	V	Ethylbenzene	BMDL	13	U	BMDL	12	U	BMDL	12	U
100-42-5	V	Styrene	BMDL	13	U	BMDL	12	U	BMDL	12	U
1330-20-7	V	Xylene (total)	BMDL	13	U	BMDL	12	U	BMDL	12	U
SEMI-VOLATILES											
108-95-2	B	Phenol	SAMPLE WAS RE-ANALYZED FOR VOLATILES ONLY.			BMDL	400	U	BMDL	420	U
111-44-4	B	bis(2-Chloroethyl)ether				BMDL	400	U	BMDL	420	U
95-57-6	B	2-Chlorophenol				BMDL	400	U	BMDL	420	U
541-73-1	B	1,3-Dichlorobenzene				BMDL	400	U	BMDL	420	U
106-46-7	B	1,4-Dichlorobenzene				BMDL	400	U	BMDL	420	U
95-50-1	B	1,2-Dichlorobenzene				BMDL	400	U	BMDL	420	U
95-48-7	B	2-Methylphenol				BMDL	400	U	BMDL	420	U
108-60-1	B	2,2'-oxybis(1-Chloropropane)				BMDL	400	U	BMDL	420	U
106-44-5	B	4-Methylphenol				BMDL	400	U	BMDL	420	U
621-64-7	B	N-Nitroso-di-n-propylamine				BMDL	400	U	BMDL	420	U
67-72-1	B	Hexachloroethane				BMDL	400	U	BMDL	420	U
98-95-3	B	Nitrobenzene				BMDL	400	U	BMDL	420	U
78-59-1	B	Isophorone				BMDL	400	U	BMDL	420	U
88-75-5	B	2-Nitrophenol				BMDL	400	U	BMDL	420	U
105-67-9	B	2,4-Dimethylphenol				BMDL	400	U	BMDL	420	U
111-91-1	B	bis(2-Chloroethoxy)methane				BMDL	400	U	BMDL	420	U
120-83-2	B	2,4-Dichlorophenol				BMDL	400	U	BMDL	420	U
120-82-1	B	1,2,4-Trichlorobenzene				BMDL	400	U	BMDL	420	U
91-20-3	B	Naphthalene				BMDL	400	U	BMDL	420	U
106-47-8	B	4-Chloroaniline				BMDL	400	U	BMDL	420	U
67-68-3	B	Hexachlorobutadiene				BMDL	400	U	BMDL	420	U
59-50-7	B	4-Chloro-3-methylphenol				BMDL	400	U	BMDL	420	U
91-57-6	B	2-Methylnaphthalene				BMDL	400	U	BMDL	420	U
77-47-4	B	Hexachlorocyclopentadiene				BMDL	400	U	BMDL	420	U
88-06-2	B	2,4,6-Trichlorophenol				BMDL	400	U	BMDL	420	U
95-95-4	B	2,4,5-Trichlorophenol				BMDL	1000	U	BMDL	1000	U
91-58-7	B	2-Chloronaphthalene				BMDL	400	U	BMDL	420	U
88-74-4	B	2-Nitroaniline				BMDL	1000	U	BMDL	1000	U
131-11-3	B	Dimethylphthalate				BMDL	400	U	BMDL	420	U
208-96-8	B	Acenaphthylene				BMDL	400	U	BMDL	420	U
608-20-2	B	2,5-Dinitrotoluene				BMDL	400	U	BMDL	420	U
99-09-2	B	3-Nitroaniline				BMDL	1000	U	BMDL	1000	U
83-32-9	B	Acenaphthene				BMDL	400	U	BMDL	420	U
51-28-5	B	2,4-Dinitrophenol				BMDL	1000	U	BMDL	1000	U
100-02-7	B	4-Nitrophenol				BMDL	1000	U	BMDL	1000	U
132-64-9	B	Dibenzofuran				BMDL	400	U	BMDL	420	U
121-14-2	B	2,4-Dinitrotoluene				BMDL	400	U	BMDL	420	U
84-66-2	B	Diethylphthalate				BMDL	400	U	BMDL	420	U
7008-72-3	B	4-Chlorophenyl-phenylether				BMDL	400	U	BMDL	420	U
86-73-7	B	Fluorene				BMDL	400	U	BMDL	420	U
100-01-6	B	4-Nitroaniline				BMDL	1000	U	BMDL	1000	U
534-82-1	B	4,6-Dinitro-2-methylphenol				BMDL	1000	U	BMDL	1000	U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD			INDIAN HEAD			INDIAN HEAD						
			42B21-2 RE	42B21-4	42B21-5	42B21-2 RE	42B21-4	42B21-5	42B21-2 RE	42B21-4	42B21-5				
			0853.6	0854.4	0855.2	03/14/92	03/14/92	03/14/92	03/14/92	03/14/92	03/14/92	03/14/92	03/14/92	03/14/92	03/14/92
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
86-30-8	B	N-Nitrosodiphenylamine		BMDL	400	U	BMDL	420	U						
101-55-3	B	4-Bromophenyl-phenylether		BMDL	400	U	BMDL	420	U						
118-74-1	B	Hexachlorobenzene		BMDL	400	U	BMDL	420	U						
87-86-5	B	Pentachlorophenol		BMDL	1000	U	BMDL	1000	U						
85-01-8	B	Phenanthrene		BMDL	400	U	BMDL	420	U						
120-12-7	B	Anthracene		BMDL	400	U	BMDL	420	U						
88-74-8	B	Carbazole		BMDL	400	U	BMDL	420	U						
84-74-2	B	Di-n-butylphthalate		BMDL	400	U	BMDL	420	U						
206-44-0	B	Fluoranthene		BMDL	400	U	BMDL	420	U						
129-00-0	B	Pyrene		BMDL	400	U	BMDL	420	U						
85-68-7	B	Butylbenzylphthalate		BMDL	400	U	BMDL	420	U						
91-94-1	B	3,3'-Dichlorobenzidine		BMDL	400	U	BMDL	420	U						
58-55-3	B	Benzo(a)anthracene		BMDL	400	U	BMDL	420	U						
218-01-9	B	Chrysene		BMDL	400	U	BMDL	420	U						
117-81-7	B	bis(2-Ethylhexyl)phthalate			8400	EB		28000	EB						
117-84-0	B	Di-n-octylphthalate		BMDL	400	U	BMDL	420	U						
205-99-2	B	Benzo(b)fluoranthene		BMDL	400	U	BMDL	420	U						
207-08-9	B	Benzo(k)fluoranthene		BMDL	400	U	BMDL	420	U						
50-32-8	B	Benzo(a)pyrene		BMDL	400	U	BMDL	420	U						
193-39-5	B	Indeno(1,2,3-cd)pyrene		BMDL	400	U	BMDL	420	U						
53-70-3	B	Dibenzo(a,h)anthracene		BMDL	400	U	BMDL	420	U						
191-24-2	B	Benzo(g,h,i)perylene		BMDL	400	U	BMDL	420	U						
PESTICIDES															
319-84-8	P	Alpha-BHC	SAMPLE WAS RE-	BMDL	2	U	BMDL	2.1	U						
319-85-7	P	Beta-BHC	ANALYZED FOR	BMDL	2	U	BMDL	2.1	U						
319-86-8	P	Delta-BHC	VOLATILES ONLY.	BMDL	2	U	BMDL	2.1	U						
58-89-9	P	Gamma-BHC		BMDL	2	U	BMDL	2.1	U						
78-44-8	P	Heptachlor		BMDL	2	U	BMDL	2.1	U						
309-00-2	P	Aldrin		BMDL	2	U	BMDL	2.1	U						
1024-57-3	P	Heptachlor Epoxide		BMDL	2	U	BMDL	2.1	U						
959-98-8	P	Endosulfan I		BMDL	2	U	BMDL	2.1	U						
60-57-1	P	Dieldrin		BMDL	4	U	BMDL	4.2	U						
72-55-9	P	4,4'-DDE		BMDL	4	U	BMDL	4.2	U						
72-20-8	P	Endrin		BMDL	4	U	BMDL	4.2	U						
33213-65-9	P	Endosulfan II		BMDL	4	U	BMDL	4.2	U						
72-54-8	P	4,4'-DDD		BMDL	4	U	BMDL	4.2	U						
1031-07-8	P	Endosulfan Sulfate		BMDL	4	U	BMDL	4.2	U						
50-29-3	P	4,4'-DDT		BMDL	4	U							13	P	
72-43-5	P	Methoxychlor		BMDL	20	U	BMDL	21	U						
53494-70-5	P	Endrin Ketone		BMDL	4	U	BMDL	4.2	U						
7421-36-3	P	Endrin Aldehyde		BMDL	4	U	BMDL	4.2	U						
5103-71-9	P	alpha-Chlordane		BMDL	2	U	BMDL	2.1	U						
5103-74-2	P	gamma-Chlordane		BMDL	2	U	BMDL	2.1	U						
8001-35-2	P	Toxaphene		BMDL	200	U	BMDL	210	U						
12874-11-2	P	Arochlor-1016		BMDL	40	U	BMDL	42	U						
11104-28-2	P	Arochlor-1221		BMDL	80	U	BMDL	84	U						
11141-18-5	P	Arochlor-1232		BMDL	40	U	BMDL	42	U						
53489-21-9	P	Arochlor-1242		BMDL	40	U	BMDL	42	U						
12672-29-6	P	Arochlor-1248		BMDL	40	U	BMDL	42	U						
11097-69-1	P	Arochlor-1254		BMDL	40	U	BMDL	42	U						
11066-82-5	P	Arochlor-1260		BMDL	40	U	BMDL	42	U						

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42B22-2			INDIAN HEAD 42B22-3		
			0855.0	03/14/92	SOIL ug/kg	0857.9	03/14/92	SOIL ug/kg
VOLATILES								
74-87-3	V	Chloromethane	BMDL	13	U	BMDL	12	U
74-83-9	V	Bromomethane	BMDL	13	U	BMDL	12	U
75-01-4	V	Vinyl Chloride	BMDL	13	U	BMDL	12	U
75-00-3	V	Chloroethane	BMDL	13	U	BMDL	12	U
75-09-2	V	Methylene Chloride	BMDL	13	U	BMDL	12	U
67-64-1	V	Acetone	BMDL	13	U	BMDL	12	U
75-15-0	V	Carbon Disulfide	BMDL	13	U	BMDL	12	U
75-35-4	V	1,1-Dichloroethane	BMDL	13	U	BMDL	12	U
75-34-3	V	1,1-Dichloroethane	BMDL	13	U	BMDL	12	U
540-59-0	V	1,2-Dichloroethane (total)	BMDL	13	U	BMDL	12	U
67-66-3	V	Chloroform	BMDL	13	U	BMDL	12	U
107-06-2	V	1,2-Dichloroethane	BMDL	13	U	BMDL	12	U
78-03-3	V	2-Butanone	BMDL	13	U	BMDL	12	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	13	U	BMDL	12	U
56-23-5	V	Carbon Tetrachloride	BMDL	13	U	BMDL	12	U
75-27-4	V	Bromodichloromethane	BMDL	13	U	BMDL	12	U
78-87-5	V	1,2-Dichloropropane	BMDL	13	U	BMDL	12	U
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	13	U	BMDL	12	U
79-01-6	V	Trichloroethene	BMDL	13	U	BMDL	12	U
124-48-1	V	Dibromochloromethane	BMDL	13	U	BMDL	12	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	13	U	BMDL	12	U
71-43-2	V	Benzene	BMDL	13	U	BMDL	12	U
10061-02-6	V	trans-1,3-Dichloropropene	BMDL	13	U	BMDL	12	U
75-25-2	V	Bromoform	BMDL	13	U	BMDL	12	U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	13	U	BMDL	12	U
591-78-6	V	2-Hexanone	BMDL	13	U	BMDL	12	U
127-18-4	V	Tetrachloroethene	BMDL	13	U	BMDL	12	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	13	U	BMDL	12	U
108-88-3	V	Toluene	BMDL	13	U	BMDL	12	U
108-90-7	V	Chlorobenzene	BMDL	13	U	BMDL	12	U
100-41-4	V	Ethylbenzene	BMDL	13	U	BMDL	12	U
100-42-5	V	Styrene	BMDL	13	U	BMDL	12	U
1330-20-7	V	Xylene (total)	BMDL	13	U	BMDL	12	U
SEMI-VOLATILES								
108-95-2	B	Phenol	BMDL	430	U	BMDL	400	U
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	430	U	BMDL	400	U
95-57-8	B	2-Chlorophenol	BMDL	430	U	BMDL	400	U
541-73-1	B	1,3-Dichlorobenzene	BMDL	430	U	BMDL	400	U
108-48-7	B	1,4-Dichlorobenzene	BMDL	430	U	BMDL	400	U
95-50-1	B	1,2-Dichlorobenzene	BMDL	430	U	BMDL	400	U
95-48-7	B	2-Methylphenol	BMDL	430	U	BMDL	400	U
108-60-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	430	U	BMDL	400	U
106-44-5	B	4-Methylphenol	BMDL	430	U	BMDL	400	U
621-64-7	B	N-Nitroso-di-n-propylamine	BMDL	430	U	BMDL	400	U
87-72-1	B	Hexachloroethane	BMDL	430	U	BMDL	400	U
98-95-3	B	Nitrobenzene	BMDL	430	U	BMDL	400	U
78-59-1	B	Isophorone	BMDL	430	U	BMDL	400	U
88-75-5	B	2-Nitrophenol	BMDL	430	U	BMDL	400	U
105-67-9	B	2,4-Dimethylphenol	BMDL	430	U	BMDL	400	U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	430	U	BMDL	400	U
120-83-2	B	2,4-Dichlorophenol	BMDL	430	U	BMDL	400	U
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	430	U	BMDL	400	U
91-20-3	B	Naphthalene	BMDL	430	U	BMDL	400	U
106-47-8	B	4-Chloroaniline	BMDL	430	U	BMDL	400	U
87-68-3	B	Hexachlorobutadiene	BMDL	430	U	BMDL	400	U
59-50-7	B	4-Chloro-3-methylphenol	BMDL	430	U	BMDL	400	U
91-57-6	B	2-Methylnaphthalene	BMDL	430	U	BMDL	400	U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	430	U	BMDL	400	U
88-06-2	B	2,4,6-Trichlorophenol	BMDL	430	U	BMDL	400	U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	1100	U	BMDL	1000	U
91-58-7	B	2-Chloronaphthalene	BMDL	430	U	BMDL	400	U
88-74-4	B	2-Nitroaniline	BMDL	1100	U	BMDL	1000	U
131-11-3	B	Dimethylphthalate	BMDL	430	U	BMDL	400	U
208-96-8	B	Acenaphthylene	BMDL	430	U	BMDL	400	U
606-20-2	B	2,6-Dinitrotoluene	BMDL	430	U	BMDL	400	U
99-06-2	B	3-Nitroaniline	BMDL	1100	U	BMDL	1000	U
83-32-9	B	Acenaphthene	BMDL	430	U	BMDL	400	U
51-28-5	B	2,4-Dinitrophenol	BMDL	1100	U	BMDL	1000	U
100-02-7	B	4-Nitrophenol	BMDL	1100	U	BMDL	1000	U
132-84-9	B	Dibenzofuran	BMDL	430	U	BMDL	400	U
121-14-2	B	2,4-Dinitrotoluene	BMDL	430	U	BMDL	400	U
84-66-2	B	Diethylphthalate	BMDL	430	U	BMDL	400	U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	430	U	BMDL	400	U
86-73-7	B	Fluorene	BMDL	430	U	BMDL	400	U
100-01-6	B	4-Nitroaniline	BMDL	1100	U	BMDL	1000	U
834-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	1100	U	BMDL	1000	U

SITE INVESTIGATION - INDIAN HEAD

		LOCATION	INDIAN HEAD			INDIAN HEAD		
		SAMPLE ID	42B22-2			42B22-3		
		PAGE ID	0856.0			0857.9		
		DATE OF ANALYSIS	03/14/92			03/14/92		
		MATRIX	SOIL			SOIL		
CAS. NO.	CL	UNITS	ug/kg			ug/kg		
88-30-6	B	N-Nitrosodiphenylamine	BMDL	430	U	BMDL	400	U
101-55-3	B	4-Bromophenyl-phenylether	BMDL	430	U	BMDL	400	U
118-74-1	B	Hexachlorobenzene	BMDL	430	U	BMDL	400	U
87-86-5	B	Pentachlorophenol	BMDL	1100	U	BMDL	1000	U
85-01-8	B	Phenanthrene	BMDL	430	U	BMDL	400	U
120-12-7	B	Anthracene	BMDL	430	U	BMDL	400	U
88-74-8	B	Carbazole	BMDL	430	U	BMDL	400	U
84-74-2	B	Di-n-butylphthalate	BMDL	430	U		47	J
206-44-0	B	Fluoranthene	BMDL	430	U	BMDL	400	U
129-00-0	B	Pyrene	BMDL	430	U	BMDL	400	U
85-88-7	B	Butylbenzylphthalate	BMDL	430	U	BMDL	400	U
91-94-1	B	3,3'-Dichlorobenzidine	BMDL	430	U	BMDL	400	U
56-55-3	B	Benzo(a)anthracene	BMDL	430	U	BMDL	400	U
218-01-0	B	Chrysene	BMDL	430	U	BMDL	400	U
117-81-7	B	bis(2-Ethylhexyl)phthalate		27000	EB		12000	EB
117-84-0	B	Di-n-octylphthalate	BMDL	430	U	BMDL	400	U
205-99-2	B	Benzo(b)fluoranthene	BMDL	430	U	BMDL	400	U
207-08-0	B	Benzo(k)fluoranthene	BMDL	430	U	BMDL	400	U
50-32-8	B	Benzo(a)pyrene	BMDL	430	U	BMDL	400	U
193-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	430	U	BMDL	400	U
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	430	U	BMDL	400	U
191-24-2	B	Benzo(g,h,i)perylene	BMDL	430	U	BMDL	400	U
PESTICIDES								
319-84-6	P	Alpha-BHC	BMDL	2.1	U	BMDL	2	U
319-85-7	P	Beta-BHC	BMDL	2.1	U	BMDL	2	U
319-86-8	P	Delta-BHC	BMDL	2.1	U	BMDL	2	U
58-89-0	P	Gamma-BHC	BMDL	2.1	U	BMDL	2	U
75-44-8	P	Heptachlor	BMDL	2.1	U	BMDL	2	U
309-00-2	P	Aldrin	BMDL	2.1	U	BMDL	2	U
1024-57-3	P	Heptachlor Epoxide	BMDL	2.1	U	BMDL	2	U
959-98-8	P	Endosulfan I	BMDL	2.1	U	BMDL	2	U
60-57-1	P	Dieldrin	BMDL	4.3	U	BMDL	4	U
72-55-0	P	4,4'-DDE	BMDL	4.3	U	BMDL	4	U
72-20-8	P	Endrin	BMDL	4.3	U	BMDL	4	U
33213-05-9	P	Endosulfan II	BMDL	4.3	U	BMDL	4	U
72-54-8	P	4,4'-DDD	BMDL	4.3	U	BMDL	4	U
1031-07-8	P	Endosulfan Sulfate	BMDL	4.3	U	BMDL	4	U
50-29-3	P	4,4'-DDT		8.6			4.2	P
72-43-5	P	Methoxychlor	BMDL	21	U	BMDL	20	U
53494-70-5	P	Endrin Ketone	BMDL	4.3	U	BMDL	4	U
7421-36-3	P	Endrin Aldehyde	BMDL	4.3	U	BMDL	4	U
5103-71-0	P	alpha-Chlordane	BMDL	2.1	U	BMDL	2	U
5103-74-2	P	gamma-Chlordane	BMDL	2.1	U	BMDL	2	U
8001-35-2	P	Toxaphene	BMDL	210	U	BMDL	200	U
12874-11-2	P	Arochlor-1016	BMDL	43	U	BMDL	40	U
11104-28-2	P	Arochlor-1221	BMDL	85	U	BMDL	80	U
11141-16-5	P	Arochlor-1232	BMDL	43	U	BMDL	40	U
53469-21-9	P	Arochlor-1242	BMDL	43	U	BMDL	40	U
12672-29-6	P	Arochlor-1248	BMDL	43	U	BMDL	40	U
11097-69-1	P	Arochlor-1254	BMDL	43	U	BMDL	40	U
11096-82-5	P	Arochlor-1260	BMDL	43	U	BMDL	40	U

SITE INVESTIGATION – INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42B22-6 0858.7 03/14/92 SOIL ug/kg			INDIAN HEAD 420310RB 0859.5 03/14/92 WATER ug/l			INDIAN HEAD 42B17-2MS 0839.0 03/14/92 SOIL ug/kg		
VOLATILES											
74-87-3	V	Chloromethane	BMDL	12	U	BMDL	10	U	BMDL	12	U
74-83-9	V	Bromomethane	BMDL	12	U	BMDL	10	U	BMDL	12	U
75-01-4	V	Vinyl Chloride	BMDL	12	U	BMDL	10	U	BMDL	12	U
75-00-3	V	Chloroethane	BMDL	12	U	BMDL	10	U	BMDL	12	U
75-09-2	V	Methylene Chloride	BMDL	12	U	BMDL	10	U	BMDL	12	U
67-64-1	V	Acetone	BMDL	12	U	BMDL	10	U	BMDL	12	U
75-15-0	V	Carbon Disulfide	BMDL	12	U	BMDL	10	U	BMDL	12	U
75-35-4	V	1,1-Dichloroethane	BMDL	12	U	BMDL	10	U		44	
75-34-3	V	1,1-Dichloroethane	BMDL	12	U	BMDL	10	U	BMDL	12	U
540-59-0	V	1,2-Dichloroethane (total)	BMDL	12	U	BMDL	10	U	BMDL	12	U
67-66-3	V	Chloroform	BMDL	12	U	BMDL	10	U	BMDL	12	U
107-06-2	V	1,2-Dichloroethane	BMDL	12	U	BMDL	10	U	BMDL	12	U
78-93-3	V	2-Butanone	BMDL	12	U	BMDL	10	U	BMDL	12	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	12	U	BMDL	10	U	BMDL	12	U
56-23-5	V	Carbon Tetrachloride	BMDL	12	U	BMDL	10	U	BMDL	12	U
75-27-4	V	Bromodichloromethane	BMDL	12	U	BMDL	10	U	BMDL	12	U
78-87-5	V	1,2-Dichloropropane	BMDL	12	U	BMDL	10	U	BMDL	12	U
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	12	U	BMDL	10	U	BMDL	12	U
79-01-6	V	Trichloroethene	BMDL	12	U	BMDL	10	U		70	
124-48-1	V	Dibromochloromethane	BMDL	12	U	BMDL	10	U	BMDL	12	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	12	U	BMDL	10	U	BMDL	12	U
71-43-2	V	Benzene	BMDL	12	U	BMDL	10	U		60	
10061-02-6	V	trans-1,3-Dichloropropene	BMDL	12	U	BMDL	10	U	BMDL	12	U
75-25-2	V	Bromoform	BMDL	12	U	BMDL	10	U	BMDL	12	U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	12	U	BMDL	10	U	BMDL	12	U
591-78-6	V	2-Hexanone	BMDL	12	U	BMDL	10	U	BMDL	12	U
127-18-4	V	Tetrachloroethene	BMDL	12	U	BMDL	10	U	BMDL	12	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	12	U	BMDL	10	U	BMDL	12	U
108-88-3	V	Toluene	BMDL	12	U	BMDL	10	U		63	
108-90-7	V	Chlorobenzene	BMDL	12	U	BMDL	10	U		64	
100-41-4	V	Ethylbenzene	BMDL	12	U	BMDL	10	U	BMDL	12	U
100-42-5	V	Styrene	BMDL	12	U	BMDL	10	U	BMDL	12	U
1330-20-7	V	Xylene (total)	BMDL	12	U	BMDL	10	U	BMDL	12	U
SEMI-VOLATILES											
108-95-2	B	Phenol	BMDL	420	U		45	B		2000	
111-44-4	B	bis(2-Chloroethyl) ether	BMDL	420	U	BMDL	11	U	BMDL	400	U
95-67-8	B	2-Chlorophenol	BMDL	420	U		53	B		2100	
541-73-1	B	1,3-Dichlorobenzene	BMDL	420	U		28		BMDL	400	U
106-46-7	B	1,4-Dichlorobenzene	BMDL	420	U		28	B		1200	
95-50-1	B	1,2-Dichlorobenzene	BMDL	420	U	BMDL	11	U	BMDL	400	U
95-48-7	B	2-Methylphenol	BMDL	420	U	BMDL	11	U	BMDL	400	U
108-60-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	420	U	BMDL	11	U	BMDL	400	U
106-44-5	B	4-Methylphenol	BMDL	420	U	BMDL	11	U	BMDL	400	U
621-64-7	B	N-Nitroso-di-n-propylamine	BMDL	420	U		40	B		1400	
67-72-1	B	Hexachloroethane	BMDL	420	U	BMDL	11	U	BMDL	400	U
98-95-3	B	Nitrobenzene	BMDL	420	U	BMDL	11	U	BMDL	400	U
78-59-1	B	Isophorone	BMDL	420	U	BMDL	11	U	BMDL	400	U
88-75-5	B	2-Nitrophenol	BMDL	420	U	BMDL	11	U	BMDL	400	U
105-67-9	B	2,4-Dimethylphenol	BMDL	420	U	BMDL	11	U	BMDL	400	U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	420	U	BMDL	11	U	BMDL	400	U
120-83-2	B	2,4-Dichlorophenol	BMDL	420	U	BMDL	11	U	BMDL	400	U
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	420	U		27	B		1200	
91-20-3	B	Naphthalene	BMDL	420	U	BMDL	11	U	BMDL	400	U
106-47-8	B	4-Chloroaniline	BMDL	420	U	BMDL	11	U	BMDL	400	U
87-68-3	B	Hexachlorobutadiene	BMDL	420	U	BMDL	11	U	BMDL	400	U
59-50-7	B	4-Chloro-3-methylphenol	BMDL	420	U		60	B		1900	
91-57-6	B	2-Methylnaphthalene	BMDL	420	U	BMDL	11	U	BMDL	400	U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	420	U	BMDL	11	U	BMDL	400	U
88-06-2	B	2,4,6-Trichlorophenol	BMDL	420	U	BMDL	11	U	BMDL	400	U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	1000	U	BMDL	26	U	BMDL	1000	U
91-58-7	B	2-Chloronaphthalene	BMDL	420	U	BMDL	11	U	BMDL	400	U
88-74-4	B	2-Nitroaniline	BMDL	1000	U	BMDL	26	U	BMDL	1000	U
131-11-3	B	Dimethylphthalate	BMDL	420	U	BMDL	11	U	BMDL	400	U
208-96-8	B	Acenaphthylene	BMDL	420	U	BMDL	11	U	BMDL	400	U
606-20-2	B	2,6-Dinitrotoluene	BMDL	420	U	BMDL	11	U	BMDL	400	U
99-09-2	B	3-Nitroaniline	BMDL	1000	U	BMDL	26	U	BMDL	1000	U
83-32-9	B	Acenaphthene	BMDL	420	U		32	B		1300	
51-28-5	B	2,4-Dinitrophenol	BMDL	1000	U	BMDL	26	U	BMDL	1000	U
100-02-7	B	4-Nitrophenol	BMDL	1000	U		68	B		1400	J
132-64-9	B	Dibenzofuran	BMDL	420	U	BMDL	11	U	BMDL	400	U
121-14-2	B	2,4-Dinitrotoluene	BMDL	420	U		47	B		1200	
84-66-2	B	Diethylphthalate	BMDL	420	U	BMDL	11	U	BMDL	400	U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	420	U	BMDL	11	U	BMDL	400	U
86-73-7	B	Fluorene	BMDL	420	U	BMDL	11	U	BMDL	400	U
100-01-6	B	4-Nitroaniline	BMDL	1000	U	BMDL	26	U	BMDL	1000	U
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	1000	U	BMDL	26	U	BMDL	1000	U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PAC# ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42B22-6 0858.7 03/14/92 SOIL ug/kg		INDIAN HEAD 420310RB 0859.5 03/14/92 WATER ug/l		INDIAN HEAD 42B17-2MS 0839.0 03/14/92 SOIL ug/kg	
86-30-6	B	N-Nitrosodiphenylamine	BMDL	420 U	BMDL	11 U	BMDL	400 U
101-55-3	B	4-Bromophenyl-phenylether	BMDL	420 U	BMDL	11 U	BMDL	400 U
118-74-1	B	Hexachlorobenzene	BMDL	420 U	BMDL	11 U	BMDL	400 U
87-86-5	B	Pentachlorophenol	BMDL	1000 U		80 B		2000 J
85-01-8	B	Phenanthrene	BMDL	420 U	BMDL	11 U	BMDL	400 U
120-12-7	B	Anthracene	BMDL	420 U	BMDL	11 U	BMDL	400 U
86-74-8	B	Carbazole	BMDL	420 U	BMDL	11 U	BMDL	400 U
84-74-2	B	Di-n-butylphthalate	BMDL	420 U		54 B		1200
206-44-0	B	Fluoranthene	BMDL	420 U	BMDL	11 U	BMDL	400 U
129-00-0	B	Pyrene	BMDL	420 U		28 B		1700
85-68-7	B	Butylbenzylphthalate	BMDL	420 U	BMDL	11 U	BMDL	400 U
91-94-1	B	3,3'-Dichlorobenzidine	BMDL	420 U	BMDL	11 U	BMDL	400 U
56-55-3	B	Benzo(a)anthracene	BMDL	420 U	BMDL	11 U	BMDL	400 U
218-01-9	B	Chrysene	BMDL	420 U	BMDL	11 U	BMDL	400 U
117-81-7	B	bis(2-Ethylhexyl)phthalate		11000 EB	BMDL	11 U		16000 EB
117-84-0	B	Di-n-octylphthalate	BMDL	420 U	BMDL	11 U	BMDL	400 U
205-99-2	B	Benzo(b)fluoranthene	BMDL	420 U	BMDL	11 U	BMDL	400 U
207-08-9	B	Benzo(k)fluoranthene	BMDL	420 U	BMDL	11 U	BMDL	400 U
50-32-8	B	Benzo(a)pyrene	BMDL	420 U	BMDL	11 U	BMDL	400 U
193-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	420 U	BMDL	11 U	BMDL	400 U
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	420 U	BMDL	11 U	BMDL	400 U
191-24-2	B	Benzo(g,h,i)perylene	BMDL	420 U	BMDL	11 U	BMDL	400 U
PESTICIDES								
319-84-6	P	Alpha-BHC	BMDL	2.1 U	BMDL	0.05 U	BMDL	2 U
319-85-7	P	Beta-BHC	BMDL	2.1 U	BMDL	0.05 U	BMDL	2 U
319-86-8	P	Delta-BHC	BMDL	2.1 U	BMDL	0.05 U	BMDL	2 U
58-89-9	P	Gamma-BHC	BMDL	2.1 U	BMDL	0.05 U		22
76-44-8	P	Heptachlor	BMDL	2.1 U	BMDL	0.05 U		22
309-00-2	P	Aldrin	BMDL	2.1 U	BMDL	0.05 U		26
1024-57-3	P	Heptachlor Epoxide	BMDL	2.1 U	BMDL	0.05 U	BMDL	2 U
959-98-8	P	Endosulfan I	BMDL	2.1 U	BMDL	0.05 U	BMDL	2 U
60-57-1	P	Dieldrin	BMDL	4.2 U	BMDL	0.1 U		50
72-55-9	P	4,4'-DDE	BMDL	4.2 U	BMDL	0.1 U	BMDL	4 U
72-20-8	P	Endrin	BMDL	4.2 U	BMDL	0.1 U		56
33213-65-9	P	Endosulfan II	BMDL	4.2 U	BMDL	0.1 U	BMDL	4 U
72-54-8	P	4,4'-DDD	BMDL	4.2 U	BMDL	0.1 U	BMDL	4 U
1031-07-8	P	Endosulfan Sulfate	BMDL	4.2 U	BMDL	0.1 U	BMDL	4 U
50-29-3	P	4,4'-DDT	BMDL	4.2 U	BMDL	0.1 U		57
72-43-5	P	Methoxychlor		23 P	BMDL	0.5 U	BMDL	20 U
53494-70-5	P	Endrin Ketone	BMDL	4.2 U	BMDL	0.1 U	BMDL	4 U
7421-36-3	P	Endrin Aldehyde	BMDL	4.2 U	BMDL	0.1 U	BMDL	4 U
5103-71-9	P	alpha-Chlordane	BMDL	2.1 U	BMDL	0.05 U	BMDL	2 U
5103-74-2	P	gamma-Chlordane	BMDL	2.1 U	BMDL	0.05 U	BMDL	2 U
8001-35-2	P	Toxaphene	BMDL	210 U	BMDL	5 U	BMDL	200 U
12674-11-2	P	Arochlor-1016	BMDL	42 U	BMDL	1 U	BMDL	40 U
11104-28-2	P	Arochlor-1221	BMDL	83 U	BMDL	2 U	BMDL	80 U
11141-16-5	P	Arochlor-1232	BMDL	42 U	BMDL	1 U	BMDL	40 U
53469-21-9	P	Arochlor-1242	BMDL	42 U	BMDL	1 U	BMDL	40 U
12672-29-6	P	Arochlor-1248	BMDL	42 U	BMDL	1 U	BMDL	40 U
11097-69-1	P	Arochlor-1254	BMDL	42 U	BMDL	1 U	BMDL	40 U
11096-82-5	P	Arochlor-1260	BMDL	42 U	BMDL	1 U	BMDL	40 U

SITE INVESTIGATION - INDIAN HEAD

		LOCATION	INDIAN HEAD		
		SAMPLE ID	42B17-2MSD		
		PACE ID	0840.4		
		DATE OF ANALYSIS	03/14/92		
		MATRIX	SOIL		
CAS. NO.	CL	UNITS	ug/kg		
VOLATILES					
74-87-3	V	Chloromethane	BMDL	12	U
74-83-9	V	Bromomethane	BMDL	12	U
75-01-4	V	Vinyl Chloride	BMDL	12	U
75-00-3	V	Chloroethane	BMDL	12	U
75-09-2	V	Methylene Chloride	BMDL	12	U
67-84-1	V	Acetone	BMDL	12	U
75-15-0	V	Carbon Disulfide	BMDL	12	U
75-35-4	V	1,1-Dichloroethene		49	
75-34-3	V	1,1-Dichloroethane	BMDL	12	U
540-59-0	V	1,2-Dichloroethene (total)	BMDL	12	U
67-66-3	V	Chloroform	BMDL	12	U
107-06-2	V	1,2-Dichloroethane	BMDL	12	U
78-93-3	V	2-Butanone	BMDL	12	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	12	U
56-23-5	V	Carbon Tetrachloride	BMDL	12	U
75-27-4	V	Bromodichloromethane	BMDL	12	U
78-87-5	V	1,2-Dichloropropane	BMDL	12	U
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	12	U
79-01-6	V	Trichloroethene		65	
124-48-1	V	Dibromochloromethane	BMDL	12	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	12	U
71-43-2	V	Benzene		67	
10061-02-6	V	trans-1,3-Dichloropropene	BMDL	12	U
75-25-2	V	Bromoform	BMDL	12	U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	12	U
591-78-6	V	2-Hexanone	BMDL	12	U
127-18-4	V	Tetrachloroethene	BMDL	12	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	12	U
108-88-3	V	Toluene		70	
108-90-7	V	Chlorobenzene		70	
100-41-4	V	Ethylbenzene	BMDL	12	U
100-42-5	V	Styrene	BMDL	12	U
1330-20-7	V	Xylene (total)	BMDL	12	U
SEMI-VOLATILES					
108-95-2	B	Phenol		1900	
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	410	U
95-57-8	B	2-Chlorophenol		2000	
541-73-1	B	1,3-Dichlorobenzene	BMDL	410	U
106-46-7	B	1,4-Dichlorobenzene		1200	
95-50-1	B	1,2-Dichlorobenzene	BMDL	410	U
95-48-7	B	2-Methylphenol	BMDL	410	U
108-60-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	410	U
106-44-5	B	4-Methylphenol	BMDL	410	U
621-64-7	B	N-Nitroso-di-n-propylamine		1200	
67-72-1	B	Hexachloroethane	BMDL	410	U
98-95-3	B	Nitrobenzene	BMDL	410	U
78-59-1	B	isophorone	BMDL	410	U
88-75-5	B	2-Nitrophenol	BMDL	410	U
105-67-9	B	2,4-Dimethylphenol	BMDL	410	U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	410	U
120-83-2	B	2,4-Dichlorophenol	BMDL	410	U
120-82-1	B	1,2,4-Trichlorobenzene		1200	
91-20-3	B	Naphthalene	BMDL	410	U
106-47-8	B	4-Chloroaniline	BMDL	410	U
87-68-3	B	Hexachlorobutadiene	BMDL	410	U
59-50-7	B	4-Chloro-3-methylphenol		1900	
91-57-6	B	2-Methylnaphthalene	BMDL	410	U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	410	U
88-06-2	B	2,4,6-Trichlorophenol	BMDL	410	U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	1000	U
91-58-7	B	2-Chloronaphthalene	BMDL	410	U
88-74-4	B	2-Nitroaniline	BMDL	1000	U
131-11-3	B	Dimethylphthalate	BMDL	410	U
208-96-8	B	Acenaphthylene	BMDL	410	U
606-20-2	B	2,6-Dinitrotoluene	BMDL	410	U
99-09-2	B	3-Nitroaniline	BMDL	1000	U
83-32-9	B	Acenaphthene		1200	
51-28-5	B	2,4-Dinitrophenol	BMDL	1000	U
100-02-7	B	4-Nitrophenol		1600	J
132-64-9	B	Dibenzofuran	BMDL	410	U
121-14-2	B	2,4-Dinitrotoluene		1200	
84-68-2	B	Diethylphthalate	BMDL	410	U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	410	U
86-73-7	B	Fluorene	BMDL	410	U
100-01-6	B	4-Nitroaniline	BMDL	1000	U
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	1000	U

SITE INVESTIGATION - INDIAN HEAD

		LOCATION	INDIAN HEAD		
		SAMPLE ID	42B17-2MSD		
		PAGE ID	0840.4		
		DATE OF ANALYSIS	03/14/92		
CAS. NO.	CL	MATRIX UNITS	SOIL	ug/kg	
86-30-6	B	N-Nitrosodiphenylamine	BMDL	410	U
101-55-3	B	4-Bromophenyl-phenylether	BMDL	410	U
118-74-1	B	Hexachlorobenzene	BMDL	410	U
87-86-5	B	Pentachlorophenol		2200	
85-01-8	B	Phenanthrene	BMDL	410	U
120-12-7	B	Anthracene	BMDL	410	U
86-74-8	B	Carbazole	BMDL	410	U
84-74-2	B	Di-n-butylphthalate		1400	
206-44-0	B	Fluoranthene	BMDL	410	U
129-00-0	B	Pyrene		1600	
85-68-7	B	Butylbenzylphthalate	BMDL	410	U
91-94-1	B	3,3'-Dichlorobenzidine	BMDL	410	U
56-55-3	B	Benzo(a)anthracene	BMDL	410	U
218-01-9	B	Chrysene	BMDL	410	U
117-81-7	B	bis(2-Ethylhexyl)phthalate		10000	EB
117-84-0	B	Di-n-octylphthalate	BMDL	410	U
205-99-2	B	Benzo(b)fluoranthene	BMDL	410	U
207-08-9	B	Benzo(k)fluoranthene	BMDL	410	U
50-32-8	B	Benzo(a)pyrene	BMDL	410	U
193-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	410	U
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	410	U
191-24-2	B	Benzo(g,h,i)perylene	BMDL	410	U
PESTICIDES					
319-84-8	P	Alpha-BHC	BMDL	2	U
319-85-7	P	Beta-BHC	BMDL	2	U
319-86-8	P	Delta-BHC	BMDL	2	U
58-89-9	P	Gamma-BHC		30	
76-44-8	P	Heptachlor		25	
309-00-2	P	Aldrin		30	
1024-57-3	P	Heptachlor Epoxide	BMDL	2	U
959-98-8	P	Endosulfan I	BMDL	2	U
60-57-1	P	Dieldrin		50	
72-55-9	P	4,4'-DDE	BMDL	4.1	U
72-20-8	P	Endrin		59	
33213-65-9	P	Endosulfan II	BMDL	4.1	U
72-54-8	P	4,4'-DDD	BMDL	4.1	U
1031-07-8	P	Endosulfan Sulfate	BMDL	4.1	U
50-29-3	P	4,4'-DDT		57	
72-43-5	P	Methoxychlor	BMDL	20	U
53494-70-5	P	Endrin Ketone	BMDL	4.1	U
7421-36-3	P	Endrin Aldehyde	BMDL	4.1	U
5103-71-9	P	alpha-Chlordane	BMDL	2	U
5103-74-2	P	gamma-Chlordane	BMDL	2	U
8001-35-2	P	Toxaphene	BMDL	200	U
12874-11-2	P	Arochlor-1016	BMDL	41	U
11104-28-2	P	Arochlor-1221	BMDL	81	U
11141-16-5	P	Arochlor-1232	BMDL	41	U
53469-21-9	P	Arochlor-1242	BMDL	41	U
12672-29-6	P	Arochlor-1248	BMDL	41	U
11097-69-1	P	Arochlor-1254	BMDL	41	U
11096-82-5	P	Arochlor-1260	BMDL	41	U

SITE INVESTIGATION - INDIAN HEAD

		LOCATION	INDIAN HEAD			INDIAN HEAD			INDIAN HEAD		
		SAMPLE ID	42B23-2			42B23-4			42B23-8		
		PACE ID	0868.4			0869.2			0870.6		
		DATE OF ANALYSIS	03/14/92			03/14/92			03/14/92		
		MATRIX	SOIL			SOIL			SOIL		
CAS. NO.	CL	VOLATILES	UNITS	ug/kg		ug/kg		ug/kg		ug/kg	
74-87-3	V	Chloromethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
74-83-9	V	Bromomethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
75-01-4	V	Vinyl Chloride	BMDL	12	U	BMDL	12	U	BMDL	12	U
75-00-3	V	Chloroethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
75-08-2	V	Methylene Chloride	BMDL	12	U	BMDL	12	U	BMDL	12	U
67-64-1	V	Acetone	BMDL	12	U	BMDL	12	U	BMDL	12	U
75-15-0	V	Carbon Disulfide	BMDL	12	U	BMDL	12	U	BMDL	12	U
75-35-4	V	1,1-Dichloroethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
75-34-3	V	1,1-Dichloroethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
540-59-0	V	1,2-Dichloroethane (total)	BMDL	12	U	BMDL	12	U	BMDL	12	U
67-66-3	V	Chloroform	BMDL	12	U	BMDL	12	U	BMDL	12	U
107-06-2	V	1,2-Dichloroethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
78-83-3	V	2-Butanone	BMDL	12	U	BMDL	12	U	BMDL	12	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
56-23-5	V	Carbon Tetrachloride	BMDL	12	U	BMDL	12	U	BMDL	12	U
75-27-4	V	Bromodichloromethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
78-87-5	V	1,2-Dichloropropane	BMDL	12	U	BMDL	12	U	BMDL	12	U
10081-01-1	V	cis-1,3-Dichloropropene	BMDL	12	U	BMDL	12	U	BMDL	12	U
79-01-6	V	Trichloroethene	BMDL	12	U	BMDL	12	U	BMDL	12	U
124-48-1	V	Dibromochloromethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
71-43-2	V	Benzene	BMDL	12	U	BMDL	12	U	BMDL	12	U
10061-02-1	V	trans-1,3-Dichloropropene	BMDL	12	U	BMDL	12	U	BMDL	12	U
75-25-2	V	Bromoform	BMDL	12	U	BMDL	12	U	BMDL	12	U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	12	U	BMDL	12	U	BMDL	12	U
591-78-6	V	2-Hexanone	BMDL	12	U	BMDL	12	U	BMDL	12	U
127-18-4	V	Tetrachloroethene	BMDL	12	U	BMDL	12	U	BMDL	12	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	12	U	BMDL	12	U	BMDL	12	U
108-88-3	V	Toluene	BMDL	12	U	BMDL	12	U	BMDL	12	U
108-90-7	V	Chlorobenzene	BMDL	12	U	BMDL	12	U	BMDL	12	U
100-41-4	V	Ethylbenzene	BMDL	12	U	BMDL	12	U	BMDL	12	U
100-42-5	V	Styrene	BMDL	12	U	BMDL	12	U	BMDL	12	U
1330-20-7	V	Xylene (total)	BMDL	12	U	BMDL	12	U	BMDL	12	U
SEMI-VOLATILES											
108-95-2	B	Phenol	BMDL	410	U	BMDL	400	U	BMDL	420	U
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	410	U	BMDL	400	U	BMDL	420	U
95-57-8	B	2-Chlorophenol	BMDL	410	U	BMDL	400	U	BMDL	420	U
541-73-1	B	1,3-Dichlorobenzene	BMDL	410	U	BMDL	400	U	BMDL	420	U
106-46-7	B	1,4-Dichlorobenzene	BMDL	410	U	BMDL	400	U	BMDL	420	U
95-50-1	B	1,2-Dichlorobenzene	BMDL	410	U	BMDL	400	U	BMDL	420	U
95-48-7	B	2-Methylphenol	BMDL	410	U	BMDL	400	U	BMDL	420	U
108-60-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	410	U	BMDL	400	U	BMDL	420	U
106-44-5	B	4-Methylphenol	BMDL	410	U	BMDL	400	U	BMDL	420	U
621-64-7	B	N-Nitroso-di-n-propylamine	BMDL	410	U	BMDL	400	U	BMDL	420	U
67-72-1	B	Hexachloroethane	BMDL	410	U	BMDL	400	U	BMDL	420	U
98-95-3	B	Nitrobenzene	BMDL	410	U	BMDL	400	U	BMDL	420	U
78-59-1	B	Isophorone	BMDL	410	U	BMDL	400	U	BMDL	420	U
88-75-5	B	2-Nitrophenol	BMDL	410	U	BMDL	400	U	BMDL	420	U
106-67-9	B	2,4-Dimethylphenol	BMDL	410	U	BMDL	400	U	BMDL	420	U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	410	U	BMDL	400	U	BMDL	420	U
120-83-2	B	2,4-Dichlorophenol	BMDL	410	U	BMDL	400	U	BMDL	420	U
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	410	U	BMDL	400	U	BMDL	420	U
91-20-3	B	Naphthalene	BMDL	410	U	BMDL	400	U	BMDL	420	U
106-47-8	B	4-Chloroaniline	BMDL	410	U	BMDL	400	U	BMDL	420	U
87-68-3	B	Hexachlorobutadiene	BMDL	410	U	BMDL	400	U	BMDL	420	U
59-50-7	B	4-Chloro-3-methylphenol	BMDL	410	U	BMDL	400	U	BMDL	420	U
91-57-6	B	2-Methylnaphthalene	BMDL	410	U	BMDL	400	U	BMDL	420	U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	410	U	BMDL	400	U	BMDL	420	U
88-06-2	B	2,4,6-Trichlorophenol	BMDL	410	U	BMDL	400	U	BMDL	420	U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	1000	U	BMDL	990	U	BMDL	1000	U
91-58-7	B	2-Chloronaphthalene	BMDL	410	U	BMDL	400	U	BMDL	420	U
88-74-4	B	2-Nitroaniline	BMDL	1000	U	BMDL	990	U	BMDL	1000	U
131-11-3	B	Dimethylphthalate	BMDL	410	U	BMDL	400	U	BMDL	420	U
208-96-8	B	Acenaphthylene	BMDL	410	U	BMDL	400	U	BMDL	420	U
606-20-2	B	2,6-Dinitrotoluene	BMDL	410	U	BMDL	400	U	BMDL	420	U
99-09-2	B	3-Nitroaniline	BMDL	1000	U	BMDL	990	U	BMDL	1000	U
83-32-9	B	Acenaphthene	BMDL	410	U	BMDL	400	U	BMDL	420	U
51-28-5	B	2,4-Dinitrophenol	BMDL	1000	U	BMDL	990	U	BMDL	1000	U
100-02-7	B	4-Nitrophenol	BMDL	1000	U	BMDL	990	U	BMDL	1000	U
132-84-9	B	Dibenzofuran	BMDL	410	U	BMDL	400	U	BMDL	420	U
121-14-2	B	2,4-Dinitrotoluene	BMDL	410	U	BMDL	400	U	BMDL	420	U
84-66-2	B	Diethylphthalate	BMDL	410	U	BMDL	400	U	BMDL	420	U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	410	U	BMDL	400	U	BMDL	420	U
86-73-7	B	Fluorene	BMDL	410	U	BMDL	400	U	BMDL	420	U
100-01-6	B	4-Nitroaniline	BMDL	1000	U	BMDL	990	U	BMDL	1000	U
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	1000	U	BMDL	990	U	BMDL	1000	U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42B23-2 0868.4 03/14/92			INDIAN HEAD 42B23-4 0869.2 03/14/92			INDIAN HEAD 42B23-5 0870.6 03/14/92		
			SOIL ug/kg			SOIL ug/kg			SOIL ug/kg		
86-30-8	B	N-Nitrosodiphenylamine	BMDL	410	U	BMDL	400	U	BMDL	420	U
101-55-3	B	4-Bromophenyl-phenylether	BMDL	410	U	BMDL	400	U	BMDL	420	U
118-74-1	B	Hexachlorobenzene	BMDL	410	U	BMDL	400	U	BMDL	420	U
87-86-5	B	Pentachlorophenol	BMDL	1000	U	BMDL	990	U	BMDL	1000	U
85-01-8	B	Phenanthrene	BMDL	410	U	BMDL	400	U	BMDL	420	U
120-12-7	B	Anthracene	BMDL	410	U	BMDL	400	U	BMDL	420	U
86-74-8	B	Carbazole	BMDL	410	U	BMDL	400	U	BMDL	420	U
84-74-2	B	Di-n-butylphthalate	BMDL	410	U	BMDL	400	U	BMDL	420	U
205-44-0	B	Fluoranthene	BMDL	410	U	BMDL	400	U	BMDL	420	U
129-00-0	B	Pyrene	BMDL	410	U	BMDL	400	U	BMDL	420	U
85-68-7	B	Butylbenzylphthalate	BMDL	410	U	BMDL	400	U	BMDL	420	U
91-94-1	B	3,3'-Dichlorobenzidine	BMDL	410	U	BMDL	400	U	BMDL	420	U
56-55-3	B	Benzo(a)anthracene	BMDL	410	U	BMDL	400	U	BMDL	420	U
218-01-9	B	Chrysene	BMDL	410	U	BMDL	400	U	BMDL	420	U
117-81-7	B	bis(2-Ethylhexyl)phthalate		8900	EB		9700	EB		12000	EB
117-84-0	B	Di-n-octylphthalate	BMDL	410	U	BMDL	400	U	BMDL	420	U
205-99-2	B	Benzo(h)fluoranthene	BMDL	410	U	BMDL	400	U	BMDL	420	U
207-08-9	B	Benzo(k)fluoranthene	BMDL	410	U	BMDL	400	U	BMDL	420	U
50-32-8	B	Benzo(a)pyrene	BMDL	410	U	BMDL	400	U	BMDL	420	U
183-38-5	B	Indeno(1,2,3-cd)pyrene	BMDL	410	U	BMDL	400	U	BMDL	420	U
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	410	U	BMDL	400	U	BMDL	420	U
191-24-2	B	Benzo(g,h,i)perylene	BMDL	410	U	BMDL	400	U	BMDL	420	U
DATE OF ANALYSIS											
PESTICIDES											
319-84-6	P	Alpha-BHC	BMDL	2.1	U	BMDL	2	U	BMDL	2.1	U
319-85-7	P	Beta-BHC	BMDL	2.1	U	BMDL	2	U	BMDL	2.1	U
319-86-8	P	Delta-BHC	BMDL	2.1	U	BMDL	2	U	BMDL	2.1	U
56-89-9	P	Gamma-BHC	BMDL	2.1	U	BMDL	2	U	BMDL	2.1	U
76-44-8	P	Heptachlor	BMDL	2.1	U	BMDL	2	U	BMDL	2.1	U
309-00-2	P	Aldrin	BMDL	2.1	U	BMDL	2	U	BMDL	2.1	U
1024-57-3	P	Heptachlor Epoxide	BMDL	2.1	U	BMDL	2	U	BMDL	2.1	U
958-98-8	P	Endosulfan I	BMDL	2.1	U	BMDL	2	U	BMDL	2.1	U
60-57-1	P	Dieldrin	BMDL	4.1	U	BMDL	4.1	U	BMDL	4.2	U
72-55-9	P	4,4'-DDE	BMDL	4.1	U	BMDL	4.1	U	BMDL	4.2	U
72-20-6	P	Endrin	BMDL	4.1	U	BMDL	4.1	U	BMDL	4.2	U
33213-65-1	P	Endosulfan II	BMDL	4.1	U	BMDL	4.1	U	BMDL	4.2	U
72-54-8	P	4,4'-DDD	BMDL	4.1	U	BMDL	4.1	U	BMDL	4.2	U
1031-07-8	P	Endosulfan Sulfate	BMDL	4.1	U	BMDL	4.1	U	BMDL	4.2	U
50-29-3	P	4,4'-DDT	BMDL	4.1	U	BMDL	4.1	U	BMDL	7.6	P
72-43-5	P	Methoxychlor	BMDL	21	U	BMDL	20	U	BMDL	21	U
53484-70-1	P	Endrin Ketone	BMDL	4.1	U	BMDL	4.1	U	BMDL	4.2	U
7421-36-3	P	Endrin Aldehyde	BMDL	4.1	U	BMDL	4.1	U	BMDL	4.2	U
5103-71-9	P	alpha-Chlordane	BMDL	2.1	U	BMDL	2	U	BMDL	2.1	U
5103-74-2	P	gamma-Chlordane	BMDL	2.1	U	BMDL	2	U	BMDL	2.1	U
8001-35-2	P	Toxaphene	BMDL	210	U	BMDL	200	U	BMDL	210	U
12974-11-1	P	Arochlor-1016	BMDL	41	U	BMDL	40	U	BMDL	42	U
11104-28-1	P	Arochlor-1221	BMDL	82	U	BMDL	79	U	BMDL	83	U
11141-18-1	P	Arochlor-1232	BMDL	41	U	BMDL	40	U	BMDL	42	U
53489-21-1	P	Arochlor-1242	BMDL	41	U	BMDL	40	U	BMDL	42	U
12872-29-1	P	Arochlor-1248	BMDL	41	U	BMDL	40	U	BMDL	42	U
11097-69-1	P	Arochlor-1254	BMDL	41	U	BMDL	40	U	BMDL	42	U
11098-92-1	P	Arochlor-1260	BMDL	41	U	BMDL	40	U	BMDL	42	U
INORGANIC											
7429-90-5	I	Aluminum	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-38-0	I	Antimony	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-38-2	I	Arsenic	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-39-3	I	Barium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-41-7	I	Beryllium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-43-0	I	Cadmium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-70-2	I	Calcium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-47-3	I	Chromium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-48-4	I	Cobalt	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-50-8	I	Copper	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7439-89-6	I	Iron	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7439-92-1	I	Lead	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7439-95-4	I	Magnesium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7439-96-5	I	Manganese	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7439-97-6	I	Mercury	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-02-0	I	Nickel	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-09-7	I	Potassium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7782-49-2	I	Selenium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-22-4	I	Silver	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-23-5	I	Sodium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-28-0	I	Thallium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-62-2	I	Vanadium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-66-6	I	Zinc	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
		Cyanide	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID FACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42B24-2 0959.1 03/20/92 SOIL ug/kg			INDIAN HEAD 42B24-4 0960.5 03/20/92 SOIL ug/kg			INDIAN HEAD 42B24-6 0961.3 03/20/92 SOIL ug/kg		
VOLATILES											
74-87-3	V	Chloromethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
74-83-9	V	Bromomethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
75-01-4	V	Vinyl Chloride	BMDL	12	U	BMDL	12	U	BMDL	13	U
75-00-3	V	Chloroethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
75-09-2	V	Methylene Chloride		3	J	BMDL	12	U		2	J
67-64-1	V	Acetone	BMDL	12	U		200			68	
75-15-0	V	Carbon Disulfide	BMDL	12	U	BMDL	12	U	BMDL	13	U
75-35-4	V	1,1-Dichloroethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
75-34-3	V	1,1-Dichloroethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
540-59-0	V	1,2-Dichloroethane (total)		11	J	BMDL	12	U	BMDL	13	U
67-66-3	V	Chloroform	BMDL	12	U	BMDL	12	U	BMDL	13	U
107-06-2	V	1,2-Dichloroethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
78-83-3	V	2-Butanone	BMDL	12	U	BMDL	12	U	BMDL	13	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
56-23-5	V	Carbon Tetrachloride	BMDL	12	U	BMDL	12	U	BMDL	13	U
75-27-4	V	Bromodichloromethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
78-87-5	V	1,2-Dichloropropane	BMDL	12	U	BMDL	12	U	BMDL	13	U
10061-01-1	V	cis-1,3-Dichloropropane	BMDL	12	U	BMDL	12	U	BMDL	13	U
79-01-6	V	Trichloroethene		93			2	J		1	J
124-48-1	V	Dibromochloromethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
71-43-2	V	Benzene	BMDL	12	U	BMDL	12	U	BMDL	13	U
10061-02-1	V	trans-1,3-Dichloropropane	BMDL	12	U	BMDL	12	U	BMDL	13	U
75-25-2	V	Bromoform	BMDL	12	U	BMDL	12	U	BMDL	13	U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	12	U	BMDL	12	U	BMDL	13	U
591-78-6	V	2-Hexanone	BMDL	12	U	BMDL	12	U	BMDL	13	U
127-18-4	V	Tetrachloroethene	BMDL	12	U	BMDL	12	U	BMDL	13	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	12	U	BMDL	12	U	BMDL	13	U
108-88-3	V	Toluene	BMDL	12	U	BMDL	12	U		5	J
108-90-7	V	Chlorobenzene	BMDL	12	U	BMDL	12	U	BMDL	13	U
100-41-4	V	Ethylbenzene	BMDL	12	U	BMDL	12	U	BMDL	13	U
100-42-5	V	Styrene	BMDL	12	U	BMDL	12	U	BMDL	13	U
1330-20-7	V	Xylenes (total)	BMDL	12	U	BMDL	12	U	BMDL	13	U
SEMI-VOLATILES											
108-95-2	B	Phenol	BMDL	420	U	BMDL	410	U	BMDL	440	U
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	420	U	BMDL	410	U	BMDL	440	U
95-57-8	B	2-Chlorophenol	BMDL	420	U	BMDL	410	U	BMDL	440	U
541-73-1	B	1,3-Dichlorobenzene	BMDL	420	U	BMDL	410	U	BMDL	440	U
106-46-7	B	1,4-Dichlorobenzene	BMDL	420	U	BMDL	410	U	BMDL	440	U
95-50-1	B	1,2-Dichlorobenzene	BMDL	420	U	BMDL	410	U	BMDL	440	U
95-48-7	B	2-Methylphenol	BMDL	420	U	BMDL	410	U	BMDL	440	U
108-60-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	420	U	BMDL	410	U	BMDL	440	U
106-44-5	B	4-Methylphenol	BMDL	420	U	BMDL	410	U	BMDL	440	U
621-64-7	B	N-Nitroso-di-n-propylamine	BMDL	420	U	BMDL	410	U	BMDL	440	U
87-72-1	B	Hexachloroethane	BMDL	420	U	BMDL	410	U	BMDL	440	U
98-95-3	B	Nitrobenzene	BMDL	420	U	BMDL	410	U	BMDL	440	U
78-59-1	B	Isophorone	BMDL	420	U	BMDL	410	U	BMDL	440	U
88-75-5	B	2-Nitrophenol	BMDL	420	U	BMDL	410	U	BMDL	440	U
105-67-9	B	2,4-Dimethylphenol	BMDL	420	U	BMDL	410	U	BMDL	440	U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	420	U	BMDL	410	U	BMDL	440	U
120-83-2	B	2,4-Dichlorophenol	BMDL	420	U	BMDL	410	U	BMDL	440	U
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	420	U	BMDL	410	U	BMDL	440	U
91-20-3	B	Naphthalene	BMDL	420	U	BMDL	410	U	BMDL	440	U
106-47-8	B	4-Chloroaniline	BMDL	420	U	BMDL	410	U	BMDL	440	U
87-68-3	B	Hexachlorobutadiene	BMDL	420	U	BMDL	410	U	BMDL	440	U
59-50-7	B	4-Chloro-3-methylphenol	BMDL	420	U	BMDL	410	U	BMDL	440	U
91-57-6	B	2-Methylnaphthalene	BMDL	420	U	BMDL	410	U	BMDL	440	U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	420	U	BMDL	410	U	BMDL	440	U
88-06-2	B	2,4,6-Trichlorophenol	BMDL	420	U	BMDL	410	U	BMDL	440	U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	1000	U	BMDL	1000	U	BMDL	1100	U
91-58-7	B	2-Chloronaphthalene	BMDL	420	U	BMDL	410	U	BMDL	440	U
88-74-4	B	2-Nitroaniline	BMDL	1000	U	BMDL	1000	U	BMDL	1100	U
131-11-3	B	Dimethylphthalate	BMDL	420	U	BMDL	410	U	BMDL	440	U
208-96-8	B	Acenaphthylene	BMDL	420	U	BMDL	410	U	BMDL	440	U
606-20-2	B	2,6-Dinitrotoluene	BMDL	420	U	BMDL	410	U	BMDL	440	U
99-08-2	B	3-Nitroaniline	BMDL	1000	U	BMDL	1000	U	BMDL	1100	U
83-32-9	B	Acenaphthene	BMDL	420	U	BMDL	410	U	BMDL	440	U
51-28-5	B	2,4-Dinitrophenol	BMDL	1000	U	BMDL	1000	U	BMDL	1100	U
100-02-7	B	4-Nitrophenol	BMDL	1000	U	BMDL	1000	U	BMDL	1100	U
132-64-9	B	Dibenzofuran	BMDL	420	U	BMDL	410	U	BMDL	440	U
121-14-2	B	2,4-Dinitrotoluene	BMDL	420	U	BMDL	410	U	BMDL	440	U
84-66-2	B	Diethylphthalate	BMDL	420	U	BMDL	410	U	BMDL	440	U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	420	U	BMDL	410	U	BMDL	440	U
86-73-7	B	Fluorene	BMDL	420	U	BMDL	410	U	BMDL	440	U
100-01-6	B	4-Nitroaniline	BMDL	1000	U	BMDL	1000	U	BMDL	1100	U
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	1000	U	BMDL	1000	U	BMDL	1100	U

SITE INVESTIGATION - INDIAN HEAD

		LOCATION	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
		SAMPLE ID	42B24-2		42B24-4		42B24-6	
		FACE ID	0959.1		0960.5		0961.3	
		DATE OF ANALYSIS	03/20/92		03/20/92		03/20/92	
		MATRIX	SOIL		SOIL		SOIL	
CAS. NO.	CL	UNITS	ug/kg		ug/kg		ug/kg	
88-36-8	B	N-Nitrosodiphenylamine	BMDL	420 U	BMDL	410 U	BMDL	440 U
101-55-3	B	4-Bromophenyl-phenylether	BMDL	420 U	BMDL	410 U	BMDL	440 U
118-74-1	B	Hexachlorobenzene	BMDL	420 U	BMDL	410 U	BMDL	440 U
87-88-5	B	Pentachlorophenol	BMDL	1000 U	BMDL	1000 U	BMDL	1100 U
85-01-8	B	Phenanthrene	BMDL	420 U	BMDL	410 U	BMDL	440 U
120-12-7	B	Anthracene	BMDL	420 U	BMDL	410 U	BMDL	440 U
88-74-8	B	Carbazole	BMDL	420 U	BMDL	410 U	BMDL	440 U
84-74-2	B	Di-n-butylphthalate	BMDL	420 U	BMDL	410 U	BMDL	440 U
206-44-0	B	Fluoranthene	BMDL	420 U	BMDL	410 U	BMDL	440 U
129-00-0	B	Pyrene	BMDL	420 U	BMDL	410 U	BMDL	440 U
85-68-7	B	Butylbenzylphthalate	BMDL	420 U	BMDL	410 U	BMDL	440 U
91-94-1	B	3,3'-Dichlorobenzidine	BMDL	420 U	BMDL	410 U	BMDL	440 U
56-55-3	B	Benzo(a)anthracene	BMDL	420 U	BMDL	410 U	BMDL	440 U
218-01-9	B	Chrysene	BMDL	420 U	BMDL	410 U	BMDL	440 U
117-81-7	B	bis(2-Ethylhexyl)phthalate	BMDL	420 U	BMDL	410 U	BMDL	440 U
117-84-0	B	Di-n-octylphthalate	BMDL	420 U	BMDL	410 U	BMDL	440 U
205-99-2	B	Benzo(b)fluoranthene	BMDL	420 U	BMDL	410 U	BMDL	440 U
207-08-9	B	Benzo(k)fluoranthene	BMDL	420 U	BMDL	410 U	BMDL	440 U
50-32-8	B	Benzo(a)pyrene	BMDL	420 U	BMDL	410 U	BMDL	260 J
193-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	420 U	BMDL	410 U	BMDL	440 U
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	420 U	BMDL	410 U	BMDL	440 U
191-24-2	B	Benzo(g,h,i)perylene	BMDL	420 U	BMDL	410 U	BMDL	440 U
DATE OF ANALYSIS			03/23/92	42B24-2	03/23/92	42B24-4	03/23/92	42B24-6
PESTICIDES								
319-84-8	P	Alpha-BHC	BMDL	2.1 U	BMDL	2 U	BMDL	2.2 U
319-85-7	P	Beta-BHC	BMDL	2.1 U	BMDL	2 U	BMDL	2.2 U
319-86-8	P	Delta-BHC	BMDL	2.1 U	BMDL	2 U	BMDL	2.2 U
58-89-9	P	Gamma-BHC	BMDL	2.1 U	BMDL	2 U	BMDL	2.2 U
76-44-8	P	Heptachlor	BMDL	2.1 U	BMDL	2 U	BMDL	2.2 U
309-00-2	P	Aldrin	BMDL	2.1 U	BMDL	2 U	BMDL	2.2 U
1024-57-3	P	Heptachlor Epoxide	BMDL	2.1 U	BMDL	2 U	BMDL	2.2 U
959-98-8	P	Endosulfan I	BMDL	2.1 U	BMDL	2 U	BMDL	2.2 U
60-57-1	P	Dieldrin	BMDL	4.2 U	BMDL	4.1 U	BMDL	4.4 U
72-55-9	P	4,4'-DDE	BMDL	4.2 U	BMDL	4.1 U	BMDL	4.4 U
72-20-6	P	Endrin	BMDL	4.2 U	BMDL	4.1 U	BMDL	4.4 U
33213-65-1	P	Endosulfan II	BMDL	4.2 U	BMDL	4.1 U	BMDL	4.4 U
72-54-8	P	4,4'-DDD	BMDL	4.2 U	BMDL	4.1 U	BMDL	4.4 U
1031-07-8	P	Endosulfan Sulfate	BMDL	4.2 U	BMDL	4.1 U	BMDL	4.4 U
50-29-3	P	4,4'-DDT	BMDL	4.2 U	BMDL	4.1 U	BMDL	4.4 U
72-43-5	P	Methoxychlor	BMDL	21 U	BMDL	20 U	BMDL	22 U
53494-70-1	P	Endrin Ketone	BMDL	4.2 U	BMDL	4.1 U	BMDL	4.4 U
7421-36-3	P	Endrin Aldehyde	BMDL	4.2 U	BMDL	4.1 U	BMDL	4.4 U
5103-71-9	P	alpha-Chlordane	BMDL	2.1 U	BMDL	2 U	BMDL	2.2 U
5103-74-2	P	gamma-Chlordane	BMDL	2.1 U	BMDL	2 U	BMDL	2.2 U
8001-35-2	P	Toxaphene	BMDL	210 U	BMDL	200 U	BMDL	220 U
12674-11-1	P	Arochlor-1016	BMDL	42 U	BMDL	41 U	BMDL	44 U
11104-28-1	P	Arochlor-1221	BMDL	83 U	BMDL	81 U	BMDL	88 U
11141-16-1	P	Arochlor-1232	BMDL	42 U	BMDL	41 U	BMDL	44 U
53489-21-1	P	Arochlor-1242	BMDL	42 U	BMDL	41 U	BMDL	44 U
12672-29-1	P	Arochlor-1248	BMDL	42 U	BMDL	41 U	BMDL	44 U
11097-69-1	P	Arochlor-1254	BMDL	42 U	BMDL	41 U	BMDL	44 U
11096-82-1	P	Arochlor-1260	BMDL	42 U	BMDL	41 U	BMDL	44 U
INORGANIC								
7429-90-5		Aluminum	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7440-38-0		Antimony	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7440-38-2		Arsenic	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7440-39-3		Barium	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7440-41-7		Beryllium	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7440-43-0		Cadmium	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7440-70-2		Calcium	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7440-47-3		Chromium	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7440-48-4		Cobalt	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7440-50-8		Copper	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7439-89-6		Iron	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7439-92-1		Lead	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7439-95-4		Magnesium	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7439-96-5		Manganese	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7439-97-6		Mercury	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7440-02-0		Nickel	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7440-09-7		Potassium	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7782-49-2		Selenium	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7440-22-4		Silver	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7440-23-5		Sodium	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7440-28-0		Thallium	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7440-62-2		Vanadium	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
7440-66-6		Zinc	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	
		Cyanide	NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.		NOT ANALYZED FOR INORGANIC.	

SITE INVESTIGATION - INDIAN HEAD

		LOCATION	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD				
		SAMPLE ID	420312FB		420312FB RE		420312FB				
		PACE ID	0872.2		0872.2		0871.4				
		DATE OF ANALYSIS	03/14/92		03/14/92		03/14/92				
		MATRIX	WATER		WATER		WATER				
CAS. NO.	CL	UNITS	ug/l		ug/l		ug/l				
VOLATILES											
74-87-3	V	Chloromethane	BMDL	10	U	FIELD BLANK WAS		BMDL	10	U	
74-83-9	V	Bromomethane	BMDL	10	U	RE-ANALYZED FOR		BMDL	10	U	
75-01-4	V	Vinyl Chloride	BMDL	10	U	SEMI-VOLATILE ONLY.		BMDL	10	U	
75-00-3	V	Chloroethane	BMDL	10	U			BMDL	10	U	
75-09-2	V	Methylene Chloride	BMDL	10	U			BMDL	10	U	
67-64-1	V	Acetone	BMDL	10	U			BMDL	10	U	
75-15-0	V	Carbon Disulfide	BMDL	10	U			BMDL	10	U	
75-35-4	V	1,1-Dichloroethane	BMDL	10	U			BMDL	10	U	
75-34-3	V	1,1-Dichloroethane	BMDL	10	U			BMDL	10	U	
540-59-0	V	1,2-Dichloroethane (total)	BMDL	10	U			BMDL	10	U	
67-66-3	V	Chloroform	BMDL	10	U			BMDL	10	U	
107-06-2	V	1,2-Dichloroethane	BMDL	10	U			BMDL	10	U	
78-93-3	V	2-Butanone	BMDL	10	U			BMDL	10	U	
71-55-6	V	1,1,1-Trichloroethane	BMDL	10	U			BMDL	10	U	
50-23-5	V	Carbon Tetrachloride	BMDL	10	U			BMDL	10	U	
75-27-4	V	Bromodichloromethane	BMDL	10	U			BMDL	10	U	
78-87-5	V	1,2-Dichloropropane	BMDL	10	U			BMDL	10	U	
10061-01-1	V	cis-1,3-Dichloropropene	BMDL	10	U			BMDL	10	U	
78-01-6	V	Trichloroethane	BMDL	10	U			BMDL	10	U	
124-48-1	V	Dibromochloromethane	BMDL	10	U			BMDL	10	U	
79-00-5	V	1,1,2-Trichloroethane	BMDL	10	U			BMDL	10	U	
71-43-2	V	Benzene	BMDL	10	U			BMDL	10	U	
10061-02-1	V	trans-1,3-Dichloropropene	BMDL	10	U			BMDL	10	U	
75-25-2	V	Bromoform		3	J				2	J	
108-10-1	V	4-Methyl-2-Pentanone	BMDL	10	U			BMDL	10	U	
591-78-6	V	2-Hexanone	BMDL	10	U			BMDL	10	U	
127-18-4	V	Tetrachloroethane	BMDL	10	U			BMDL	10	U	
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	10	U			BMDL	10	U	
108-68-3	V	Toluene	BMDL	10	U			BMDL	10	U	
108-90-7	V	Chlorobenzene	BMDL	10	U			BMDL	10	U	
100-41-4	V	Ethylbenzene	BMDL	10	U			BMDL	10	U	
100-42-5	V	Styrene	BMDL	10	U			BMDL	10	U	
1330-20-7	V	Xylene (total)	BMDL	10	U			BMDL	10	U	
SEMI-VOLATILES											
108-95-2	B	Phenol		65	B	BMDL	10	U		45	B
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	11	U	BMDL	10	U	BMDL	11	U
95-57-8	B	2-Chlorophenol		72	B	BMDL	10	U		58	B
541-73-1	B	1,3-Dichlorobenzene	BMDL	11	U	BMDL	10	U	BMDL	11	U
106-46-7	B	1,4-Dichlorobenzene		32	B	BMDL	10	U		31	B
95-50-1	B	1,2-Dichlorobenzene	BMDL	11	U	BMDL	10	U	BMDL	11	U
95-48-7	B	2-Methylphenol	BMDL	11	U	BMDL	10	U	BMDL	11	U
108-80-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	11	U	BMDL	10	U	BMDL	11	U
106-44-5	B	4-Methylphenol	BMDL	11	U	BMDL	10	U	BMDL	11	U
621-64-7	B	N-Nitroso-d-n-propylamine		46	B	BMDL	10	U		43	B
67-72-1	B	Hexachloroethane	BMDL	11	U	BMDL	10	U	BMDL	11	U
98-95-3	B	Nitrobenzene	BMDL	11	U	BMDL	10	U	BMDL	11	U
78-59-1	B	Isophorone	BMDL	11	U	BMDL	10	U	BMDL	11	U
88-75-5	B	2-Nitrophenol	BMDL	11	U	BMDL	10	U	BMDL	11	U
105-67-9	B	2,4-Dimethylphenol	BMDL	11	U	BMDL	10	U	BMDL	11	U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	11	U	BMDL	10	U	BMDL	11	U
120-83-2	B	2,4-Dichlorophenol	BMDL	11	U	BMDL	10	U	BMDL	11	U
120-82-1	B	1,2,4-Trichlorobenzene		33	B	BMDL	10	U		34	B
91-20-3	B	Naphthalene	BMDL	11	U	BMDL	10	U	BMDL	11	U
106-47-8	B	4-Chloroaniline	BMDL	11	U	BMDL	10	U	BMDL	11	U
87-68-3	B	Hexachlorobutadiene	BMDL	11	U	BMDL	10	U	BMDL	11	U
59-50-7	B	4-Chloro-3-methylphenol		72	B	BMDL	10	U		59	B
91-57-8	B	2-Methylnaphthalene	BMDL	11	U	BMDL	10	U	BMDL	11	U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	11	U	BMDL	10	U	BMDL	11	U
88-06-2	B	2,4,5-Trichlorophenol	BMDL	11	U	BMDL	10	U	BMDL	11	U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	26	U	BMDL	25	U	BMDL	26	U
91-58-7	B	2-Chloronaphthalene	BMDL	11	U	BMDL	10	U	BMDL	11	U
88-74-4	B	2-Nitroaniline	BMDL	26	U	BMDL	25	U	BMDL	26	U
131-11-3	B	Dimethylphthalate	BMDL	11	U	BMDL	10	U	BMDL	11	U
208-96-8	B	Acenaphthylene	BMDL	11	U	BMDL	10	U	BMDL	11	U
606-20-2	B	2,6-Dinitrotoluene	BMDL	11	U	BMDL	10	U	BMDL	11	U
99-09-2	B	3-Nitroaniline	BMDL	26	U	BMDL	25	U	BMDL	26	U
83-32-9	B	Acenaphthene		42	B	BMDL	10	U		29	B
51-28-5	B	2,4-Dinitrophenol	BMDL	26	U	BMDL	25	U	BMDL	26	U
100-02-7	B	4-Nitrophenol		59	B	BMDL	25	U		46	B
132-64-9	B	Dibenzofuran	BMDL	11	U	BMDL	10	U	BMDL	11	U
121-14-2	B	2,4-Dinitrotoluene		43	B	BMDL	10	U		44	B
84-66-2	B	Diethylphthalate	BMDL	11	U	BMDL	10	U	BMDL	11	U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	11	U	BMDL	10	U	BMDL	11	U
86-73-7	B	Fluorene	BMDL	11	U	BMDL	10	U	BMDL	11	U
100-01-6	B	4-Nitroaniline	BMDL	26	U	BMDL	25	U	BMDL	26	U
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	26	U	BMDL	25	U	BMDL	26	U

SITE INVESTIGATION - INDIAN HEAD

		LOCATION SAMPLE ID PAGE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 420312FB 0872.2 03/14/92 WATER ug/l	INDIAN HEAD 420312FB RE 0872.2 03/14/92 WATER ug/l	INDIAN HEAD 420312RB 0871.4 03/14/92 WATER ug/l
CAS. NO.	CL				
86-30-8	B	N-Nitrosodiphenylamine	BMDL 11 U	BMDL 10 U	BMDL 11 U
101-55-3	B	4-Bromophenyl-phenylether	BMDL 11 U	BMDL 10 U	BMDL 11 U
118-74-1	B	Hexachlorobenzene	BMDL 11 U	BMDL 10 U	BMDL 11 U
87-86-5	B	Pentachlorophenol	84 B	BMDL 25 U	77 B
85-01-8	B	Phenanthrene	BMDL 11 U	BMDL 10 U	BMDL 11 U
120-12-7	B	Anthracene	BMDL 11 U	BMDL 10 U	BMDL 11 U
86-74-8	B	Carbazole	BMDL 11 U	BMDL 10 U	BMDL 11 U
84-74-2	B	Di-n-butylphthalate	36 B	BMDL 10 U	15 B
206-44-0	B	Fluoranthene	BMDL 11 U	BMDL 10 U	BMDL 11 U
129-00-0	B	Pyrene	55 B	BMDL 10 U	12 B
85-68-7	B	Butylbenzylphthalate	BMDL 11 U	BMDL 10 U	BMDL 11 U
91-94-1	B	3,3'-Dichlorobenzidine	BMDL 11 U	BMDL 10 U	BMDL 11 U
56-55-3	B	Benzo(a)anthracene	BMDL 11 U	BMDL 10 U	BMDL 11 U
218-01-9	B	Chrysene	BMDL 11 U	BMDL 10 U	BMDL 11 U
117-81-7	B	bis(2-Ethylhexyl)phthalate	BMDL 11 U	BMDL 10 U	BMDL 11 U
117-84-0	B	Di-n-octylphthalate	BMDL 11 U	BMDL 10 U	BMDL 11 U
205-99-2	B	Benzo(b)fluoranthene	BMDL 11 U	BMDL 10 U	BMDL 11 U
207-08-9	B	Benzo(k)fluoranthene	BMDL 11 U	BMDL 10 U	BMDL 11 U
50-32-8	B	Benzo(a)pyrene	BMDL 11 U	BMDL 10 U	BMDL 11 U
193-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL 11 U	BMDL 10 U	BMDL 11 U
53-70-3	B	Dibenzo(a,h)anthracene	BMDL 11 U	BMDL 10 U	BMDL 11 U
191-24-2	B	Benzo(g,h,i)perylene	BMDL 11 U	BMDL 10 U	BMDL 11 U
		DATE OF ANALYSIS			
PESTICIDES					
319-84-8	P	Alpha-BHC	BMDL 0.05 U	FIELD BLANK WAS RE-ANALYZED FOR SEMI-VOLATILE ONLY.	BMDL 0.05 U
319-85-7	P	Beta-BHC	BMDL 0.05 U		BMDL 0.05 U
319-86-8	P	Delta-BHC	BMDL 0.05 U		BMDL 0.05 U
56-89-9	P	Gamma-BHC	BMDL 0.05 U		BMDL 0.05 U
76-44-8	P	Heptachlor	BMDL 0.05 U		BMDL 0.05 U
309-00-2	P	Aldrin	BMDL 0.05 U		BMDL 0.05 U
1024-57-3	P	Heptachlor Epoxide	BMDL 0.05 U		BMDL 0.05 U
959-98-8	P	Endosulfan I	BMDL 0.05 U		BMDL 0.05 U
60-57-1	P	Dieldrin	BMDL 0.1 U		BMDL 0.1 U
72-55-9	P	4,4'-DDE	BMDL 0.1 U		BMDL 0.1 U
72-20-6	P	Endrin	BMDL 0.1 U		BMDL 0.1 U
33213-65-1	P	Endosulfan II	BMDL 0.1 U		BMDL 0.1 U
72-54-8	P	4,4'-DDD	BMDL 0.1 U		BMDL 0.1 U
1031-07-8	P	Endosulfan Sulfate	BMDL 0.1 U		BMDL 0.1 U
50-29-3	P	4,4'-DDT	BMDL 0.1 U		BMDL 0.1 U
72-43-5	P	Methoxychlor	BMDL 0.5 U		BMDL 0.5 U
53494-70-1	P	Endrin Ketone	BMDL 0.1 U		BMDL 0.1 U
7421-36-3	P	Endrin Aldehyde	BMDL 0.1 U		BMDL 0.1 U
5103-71-9	P	alpha-Chlordane	BMDL 0.05 U		BMDL 0.05 U
5103-74-2	P	gamma-Chlordane	BMDL 0.05 U		BMDL 0.05 U
8001-35-2	P	Toxaphene	BMDL 5 U	BMDL 5 U	
12674-11-1	P	Arochlor-1016	BMDL 1 U	BMDL 1 U	
11104-28-1	P	Arochlor-1221	BMDL 2 U	BMDL 2 U	
11141-16-1	P	Arochlor-1232	BMDL 1 U	BMDL 1 U	
53489-21-1	P	Arochlor-1242	BMDL 1 U	BMDL 1 U	
12672-29-1	P	Arochlor-1248	BMDL 1 U	BMDL 1 U	
11097-09-1	P	Arochlor-1254	BMDL 1 U	BMDL 1 U	
11096-82-1	P	Arochlor-1260	BMDL 1 U	BMDL 1 U	
INORGANIC					
7429-90-5		Aluminum	NOT ANALYZED FOR INORGANIC.	NOT ANALYZED FOR INORGANIC.	NOT ANALYZED FOR INORGANIC.
7440-36-0		Antimony			
7440-38-2		Arsenic			
7440-39-3		Barium			
7440-41-7		Beryllium			
7440-43-0		Cadmium			
7440-70-2		Calcium			
7440-47-3		Chromium			
7440-48-4		Cobalt			
7440-50-8		Copper			
7439-89-8		Iron			
7439-92-1		Lead			
7439-95-4		Magnesium			
7439-96-5		Manganese			
7439-97-6		Mercury			
7440-02-0		Nickel			
7440-09-7		Potassium			
7782-49-2		Selenium			
7440-22-4		Silver			
7440-23-5		Sodium			
7440-28-0		Thallium			
7440-62-2		Vanadium			
7440-66-6		Zinc			
		Cyanide			

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 420312RB RE 0871.4 03/17/92 WATER ug/l			INDIAN HEAD 420315RB 0924.9 03/17/92 WATER ug/l			INDIAN HEAD 420315RB RE 0924.9 03/17/92 WATER ug/l		
VOLATILES											
74-87-3	V	Chloromethane	SAMPLE WAS RE-ANALYZED FOR SEMI-VOLATILES ONLY.			BMDL	10	U	SAMPLE WAS RE-ANALYZED FOR SEMI-VOLATILES ONLY.		
74-83-9	V	Bromomethane				BMDL	10	U			
75-01-4	V	Vinyl Chloride				BMDL	10	U			
75-00-3	V	Chloroethane				BMDL	10	U			
75-09-2	V	Methylene Chloride				BMDL	10	U			
67-64-1	V	Acetone					10				
75-15-0	V	Carbon Disulfide				BMDL	10	U			
75-35-4	V	1,1-Dichloroethane				BMDL	10	U			
75-34-3	V	1,1-Dichloroethane				BMDL	10	U			
540-59-0	V	1,2-Dichloroethane (total)				BMDL	10	U			
67-66-3	V	Chloroform					9	J			
107-06-2	V	1,2-Dichloroethane				BMDL	10	U			
78-93-3	V	2-Butanone				BMDL	10	U			
71-55-6	V	1,1,1-Trichloroethane				BMDL	10	U			
56-23-5	V	Carbon Tetrachloride				BMDL	10	U			
75-27-4	V	Bromodichloromethane					2	J			
78-87-5	V	1,2-Dichloropropane				BMDL	10	U			
10061-01-1	V	cis-1,3-Dichloropropene				BMDL	10	U			
79-01-6	V	Trichloroethane				BMDL	10	U			
124-48-1	V	Dibromochloromethane				BMDL	10	U			
79-00-5	V	1,1,2-Trichloroethane	BMDL	10	U						
71-43-2	V	Benzene	BMDL	10	U						
10061-02-1	V	trans-1,3-Dichloropropene	BMDL	10	U						
75-25-2	V	Bromoform	BMDL	10	U						
108-10-1	V	4-Methyl-2-Pentanone	BMDL	10	U						
591-78-6	V	2-Hexanone	BMDL	10	U						
127-18-4	V	Tetrachloroethane	BMDL	10	U						
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	10	U						
108-88-3	V	Toluene	BMDL	10	U						
108-90-7	V	Chlorobenzene	BMDL	10	U						
100-41-4	V	Ethylbenzene	BMDL	10	U						
100-42-5	V	Styrene	BMDL	10	U						
1330-20-7	V	Xylene (total)	BMDL	10	U						
SEMI-VOLATILES											
108-95-2	B	Phenol	BMDL	10	U	58	B	BMDL	10	U	
111-44-4	B	bis(2-Chloroethyl) ether	BMDL	10	U	BMDL	11	U	BMDL	10	U
95-57-8	B	2-Chlorophenol	BMDL	10	U	BMDL	65	B	BMDL	10	U
541-73-1	B	1,3-Dichlorobenzene	BMDL	10	U	BMDL	11	U	BMDL	10	U
106-46-7	B	1,4-Dichlorobenzene	BMDL	10	U	BMDL	34	B	BMDL	10	U
95-50-1	B	1,2-Dichlorobenzene	BMDL	10	U	BMDL	11	U	BMDL	10	U
95-48-7	B	2-Methylphenol	BMDL	10	U	BMDL	11	U	BMDL	10	U
108-80-1	B	2,2-dicyclopropyl(1-Chloropropane)	BMDL	10	U	BMDL	11	U	BMDL	10	U
106-44-5	B	4-Methylphenol	BMDL	10	U	BMDL	11	U	BMDL	10	U
621-64-7	B	N-Nitroso-di-n-propylamine	BMDL	10	U		43	B	BMDL	10	U
67-72-1	B	Hexachloroethane	BMDL	10	U	BMDL	11	U	BMDL	10	U
98-95-3	B	Nitrobenzene	BMDL	10	U	BMDL	11	U	BMDL	10	U
78-59-1	B	Isophorone	BMDL	10	U	BMDL	11	U	BMDL	10	U
88-75-5	B	2-Nitrophenol	BMDL	10	U	BMDL	11	U	BMDL	10	U
105-67-9	B	2,4-Dimethylphenol	BMDL	10	U	BMDL	11	U	BMDL	10	U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	10	U	BMDL	11	U	BMDL	10	U
120-83-2	B	2,4-Dichlorophenol	BMDL	10	U	BMDL	11	U	BMDL	10	U
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	10	U	BMDL	35	B	BMDL	10	U
91-20-3	B	Naphthalene	BMDL	10	U	BMDL	11	U	BMDL	10	U
106-47-8	B	4-Chloroaniline	BMDL	10	U	BMDL	11	U	BMDL	10	U
87-68-3	B	Hexachlorobutadiene	BMDL	10	U	BMDL	11	U	BMDL	10	U
59-50-7	B	4-Chloro-3-methylphenol	BMDL	10	U		71	B	BMDL	10	U
91-57-6	B	2-Methylnaphthalene	BMDL	10	U	BMDL	11	U	BMDL	10	U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	10	U	BMDL	11	U	BMDL	10	U
88-06-2	B	2,4,6-Trichlorophenol	BMDL	10	U	BMDL	11	U	BMDL	10	U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	25	U	BMDL	28	U	BMDL	25	U
91-58-7	B	2-Chloronaphthalene	BMDL	10	U	BMDL	11	U	BMDL	10	U
88-74-4	B	2-Nitroaniline	BMDL	25	U	BMDL	28	U	BMDL	25	U
131-11-3	B	Dimethylphthalate	BMDL	10	U	BMDL	11	U	BMDL	10	U
208-96-8	B	Acenaphthylene	BMDL	10	U	BMDL	11	U	BMDL	10	U
606-20-2	B	2,6-Dinitrotoluene	BMDL	10	U	BMDL	11	U	BMDL	10	U
99-09-2	B	3-Nitroaniline	BMDL	25	U	BMDL	28	U	BMDL	25	U
83-32-9	B	Acenaphthene	BMDL	10	U		44	B	BMDL	10	U
51-28-5	B	2,4-Dinitrophenol	BMDL	25	U	BMDL	28	U	BMDL	25	U
100-02-7	B	4-Nitrophenol	BMDL	25	U	BMDL	55	B	BMDL	25	U
132-64-9	B	Dibenzofuran	BMDL	10	U	BMDL	11	U	BMDL	10	U
121-14-2	B	2,4-Dinitrotoluene	BMDL	10	U		45	B	BMDL	10	U
84-66-2	B	Diethylphthalate	BMDL	10	U	BMDL	11	U	BMDL	10	U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	10	U	BMDL	11	U	BMDL	10	U
86-73-7	B	Fluorene	BMDL	10	U	BMDL	11	U	BMDL	10	U
100-01-6	B	4-Nitroaniline	BMDL	25	U	BMDL	28	U	BMDL	25	U
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	25	U	BMDL	28	U	BMDL	25	U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION	INDIAN HEAD		INDIAN HEAD		INDIAN HEAD	
		SAMPLE ID	420312RB RE	420315RB	420315RB RE	DATE OF ANALYSIS	0871.4	0924.9
MATRIX		DATE OF ANALYSIS	03/14/92	03/17/92	03/17/92	WATER	WATER	WATER
UNITS		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
88-30-8	B	N-Nitrosodiphenylamine	BMDL	10 U	BMDL	11 U	BMDL	10 U
101-55-3	B	4-Bromophenyl-phenylether	BMDL	10 U	BMDL	11 U	BMDL	10 U
118-74-1	B	Hexachlorobenzene	BMDL	10 U	BMDL	11 U	BMDL	10 U
87-86-5	B	Pentachlorophenol	BMDL	25 U	BMDL	88 B	BMDL	25 U
85-01-8	B	Phenanthrene	BMDL	10 U	BMDL	11 U	BMDL	10 U
120-12-7	B	Anthracene	BMDL	10 U	BMDL	11 U	BMDL	10 U
86-74-8	B	Carbazole	BMDL	10 U	BMDL	11 U	BMDL	10 U
84-74-2	B	Di-n-butylphthalate	BMDL	10 U	BMDL	43 B	BMDL	10 U
206-44-0	B	Fluoranthene	BMDL	10 U	BMDL	11 U	BMDL	10 U
129-00-0	B	Pyrene	BMDL	10 U	BMDL	70 B	BMDL	10 U
85-86-7	B	Butylbenzylphthalate	BMDL	10 U	BMDL	11 U	BMDL	10 U
91-94-1	B	3,3'-Dichlorobenzidine	BMDL	10 U	BMDL	11 U	BMDL	10 U
58-55-3	B	Benzo(a)anthracene	BMDL	10 U	BMDL	11 U	BMDL	10 U
218-01-9	B	Chrysene	BMDL	10 U	BMDL	11 U	BMDL	10 U
117-81-7	B	bis(2-Ethylhexyl)phthalate	BMDL	10 U	BMDL	11 U	BMDL	10 U
117-84-0	B	Di-n-octylphthalate	BMDL	10 U	BMDL	11 U	BMDL	10 U
205-99-2	B	Benzo(b)fluoranthene	BMDL	10 U	BMDL	11 U	BMDL	10 U
207-08-9	B	Benzo(k)fluoranthene	BMDL	10 U	BMDL	11 U	BMDL	10 U
50-32-8	B	Benzo(a)pyrene	BMDL	10 U	BMDL	11 U	BMDL	10 U
193-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	10 U	BMDL	11 U	BMDL	10 U
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	10 U	BMDL	11 U	BMDL	10 U
191-24-2	B	Benzo(g,h,i)perylene	BMDL	10 U	BMDL	11 U	BMDL	10 U
DATE OF ANALYSIS								
PESTICIDES								
319-84-8	P	Alpha-BHC	SAMPLE WAS RE-		BMDL	0.05 U	SAMPLE WAS RE-	
319-85-7	P	Beta-BHC	ANALYZED FOR		BMDL	0.05 U	ANALYZED FOR	
319-86-8	P	Delta-BHC	SEMI-VOLATILES ONLY.		BMDL	0.05 U	SEMI-VOLATILES ONLY.	
58-89-9	P	Gamma-BHC			BMDL	0.05 U		
76-44-8	P	Heptachlor			BMDL	0.05 U		
309-00-2	P	Aldrin			BMDL	0.05 U		
1024-57-3	P	Heptachlor Epoxide			BMDL	0.05 U		
959-98-8	P	Endosulfan I			BMDL	0.05 U		
60-57-1	P	Dieldrin			BMDL	0.1 U		
72-55-9	P	4,4'-DDE			BMDL	0.1 U		
72-20-8	P	Endrin			BMDL	0.1 U		
33213-85-1	P	Endosulfan II			BMDL	0.1 U		
72-54-8	P	4,4'-DDD			BMDL	0.1 U		
1031-07-8	P	Endosulfan Sulfate			BMDL	0.1 U		
50-29-3	P	4,4'-DDT			BMDL	0.1 U		
72-43-5	P	Methoxychlor			BMDL	0.5 U		
53494-70-1	P	Endrin Ketone			BMDL	0.1 U		
7421-36-3	P	Endrin Aldehyde			BMDL	0.1 U		
5103-71-9	P	alpha-Chlordane			BMDL	0.05 U		
5103-74-2	P	gamma-Chlordane			BMDL	0.05 U		
8001-35-2	P	Toxaphene			BMDL	5 U		
12674-11-1	P	Arochlor-1016			BMDL	1 U		
11104-28-1	P	Arochlor-1221			BMDL	2 U		
11141-18-1	P	Arochlor-1232			BMDL	1 U		
53469-21-1	P	Arochlor-1242			BMDL	1 U		
12672-29-1	P	Arochlor-1248			BMDL	1 U		
11087-09-1	P	Arochlor-1254			BMDL	1 U		
11096-82-1	P	Arochlor-1260			BMDL	1 U		
INORGANIC								
7429-90-5	I	Aluminum	NOT ANALYZED FOR			45 B	NOT ANALYZED FOR	
7440-36-0	I	Antimony	INORGANIC.		BMDL	3 U	INORGANIC.	
7440-38-2	I	Arsenic			BMDL	1 U		
7440-39-3	I	Barium			BMDL	6 U		
7440-41-7	I	Beryllium			BMDL	2 U		
7440-43-9	I	Cadmium				3.7 B		
7440-70-2	I	Calcium				399 B		
7440-47-3	I	Chromium				5.2 B		
7440-48-4	I	Cobalt			BMDL	3 U		
7440-50-8	I	Copper				3.9 B		
7439-89-6	I	Iron				54.3 B		
7439-92-1	I	Lead			BMDL	1 U		
7439-95-4	I	Magnesium				32.4 B		
7439-96-5	I	Manganese				3 B		
7439-97-6	I	Mercury			BMDL	0.2 U		
7440-02-0	I	Nickel				7.1 B		
7440-00-7	I	Potassium				157 B		
7782-49-2	I	Selenium			BMDL	1 U		
7440-22-4	I	Silver			BMDL	2 U		
7440-23-5	I	Sodium				416 B		
7440-28-0	I	Thallium			BMDL	1 U		
7440-62-2	I	Vanadium			BMDL	3 U		
7440-66-6	I	Zinc				110 U		
		Cyanide			BMDL	10 U		

SITE INVESTIGATION - INDIAN HEAD

GAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42SS-7 0860.9 03/14/92 SOIL ug/kg			INDIAN HEAD 42SS-8 0861.7 03/14/92 SOIL ug/kg			INDIAN HEAD 42SS-9 0862.5 03/14/92 SOIL ug/kg		
VOLATILES											
74-87-3	V	Chloromethane	BMDL	12	U	BMDL	11	U	BMDL	11	U
74-83-9	V	Bromomethane	BMDL	12	U	BMDL	11	U	BMDL	11	U
75-01-4	V	Vinyl Chloride	BMDL	12	U	BMDL	11	U	BMDL	11	U
75-00-3	V	Chloroethane	BMDL	12	U	BMDL	11	U	BMDL	11	U
75-09-2	V	Methylene Chloride	BMDL	12	U	BMDL	11	U	BMDL	11	U
67-84-1	V	Acetone	BMDL	12	U	BMDL	11	U	BMDL	11	U
75-15-0	V	Carbon Disulfide	BMDL	12	U	BMDL	11	U	BMDL	11	U
75-35-4	V	1,1-Dichloroethane	BMDL	12	U	BMDL	11	U	BMDL	11	U
75-34-3	V	1,1-Dichloroethane	BMDL	12	U	BMDL	11	U	BMDL	11	U
540-59-0	V	1,2-Dichloroethane (total)	BMDL	12	U	BMDL	11	U	BMDL	11	U
67-86-3	V	Chloroform	BMDL	12	U	BMDL	11	U	BMDL	11	U
107-06-2	V	1,2-Dichloroethane	BMDL	12	U	BMDL	11	U	BMDL	11	U
78-83-3	V	2-Butanone	BMDL	12	U	BMDL	11	U	BMDL	11	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	12	U	BMDL	11	U	BMDL	11	U
56-23-5	V	Carbon Tetrachloride	BMDL	12	U	BMDL	11	U	BMDL	11	U
75-27-4	V	Bromodichloromethane	BMDL	12	U	BMDL	11	U	BMDL	11	U
78-87-5	V	1,2-Dichloropropane	BMDL	12	U	BMDL	11	U	BMDL	11	U
10061-01-1	V	cis-1,3-Dichloropropene	BMDL	12	U	BMDL	11	U	BMDL	11	U
78-01-6	V	Trichloroethene	BMDL	12	U	BMDL	11	U	BMDL	11	U
124-48-1	V	Dibromochloromethane	BMDL	12	U	BMDL	11	U	BMDL	11	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	12	U	BMDL	11	U	BMDL	11	U
71-43-2	V	Benzene	BMDL	12	U	BMDL	11	U	BMDL	11	U
10061-02-1	V	trans-1,3-Dichloropropene	BMDL	12	U	BMDL	11	U	BMDL	11	U
75-25-2	V	Bromoform	BMDL	12	U	BMDL	11	U	BMDL	11	U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	12	U	BMDL	11	U	BMDL	11	U
591-78-6	V	2-Hexanone	BMDL	12	U	BMDL	11	U	BMDL	11	U
127-18-4	V	Tetrachloroethene	BMDL	12	U	BMDL	11	U	BMDL	11	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	12	U	BMDL	11	U	BMDL	11	U
108-88-3	V	Toluene	BMDL	12	U	BMDL	11	U	BMDL	11	U
108-90-7	V	Chlorobenzene	BMDL	12	U	BMDL	11	U	BMDL	11	U
100-41-4	V	Ethylbenzene	BMDL	12	U	BMDL	11	U	BMDL	11	U
100-42-5	V	Styrene	BMDL	12	U	BMDL	11	U	BMDL	11	U
1330-20-7	V	Xylene (total)	BMDL	12	U	BMDL	11	U	BMDL	11	U
SEMI-VOLATILES											
108-95-2	B	Phenol	BMDL	410	U	BMDL	380	U	BMDL	370	U
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	410	U	BMDL	380	U	BMDL	370	U
95-57-8	B	2-Chlorophenol	BMDL	410	U	BMDL	380	U	BMDL	370	U
541-73-1	B	1,3-Dichlorobenzene	BMDL	410	U	BMDL	380	U	BMDL	370	U
106-46-7	B	1,4-Dichlorobenzene	BMDL	410	U	BMDL	380	U	BMDL	370	U
95-50-1	B	1,2-Dichlorobenzene	BMDL	410	U	BMDL	380	U	BMDL	370	U
95-48-7	B	2-Methylphenol	BMDL	410	U	BMDL	380	U	BMDL	370	U
108-80-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	410	U	BMDL	380	U	BMDL	370	U
106-44-5	B	4-Methylphenol	BMDL	410	U	BMDL	380	U	BMDL	370	U
621-64-7	B	N-Nitroso-di-n-propylamine	BMDL	410	U	BMDL	380	U	BMDL	370	U
97-72-1	B	Hexachloroethane	BMDL	410	U	BMDL	380	U	BMDL	370	U
98-95-3	B	Nitrobenzene	BMDL	410	U	BMDL	380	U	BMDL	370	U
78-59-1	B	Isophorone	BMDL	410	U	BMDL	380	U	BMDL	370	U
88-75-5	B	2-Nitrophenol	BMDL	410	U	BMDL	380	U	BMDL	370	U
105-67-9	B	2,4-Dimethylphenol	BMDL	410	U	BMDL	380	U	BMDL	370	U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	410	U	BMDL	380	U	BMDL	370	U
120-83-2	B	2,4-Dichlorophenol	BMDL	410	U	BMDL	380	U	BMDL	370	U
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	410	U	BMDL	380	U	BMDL	370	U
91-20-3	B	Naphthalene	BMDL	410	U	BMDL	380	U	BMDL	370	U
106-47-8	B	4-Chloroaniline	BMDL	410	U	BMDL	380	U	BMDL	370	U
87-68-3	B	Hexachlorobutadiene	BMDL	410	U	BMDL	380	U	BMDL	370	U
59-50-7	B	4-Chloro-3-methylphenol	BMDL	410	U	BMDL	380	U	BMDL	370	U
91-57-6	B	2-Methylnaphthalene	BMDL	410	U	BMDL	380	U	BMDL	370	U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	410	U	BMDL	380	U	BMDL	370	U
88-06-2	B	2,4,6-Trichlorophenol	BMDL	410	U	BMDL	380	U	BMDL	370	U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	1000	U	BMDL	950	U	BMDL	930	U
91-58-7	B	2-Chloronaphthalene	BMDL	410	U	BMDL	380	U	BMDL	370	U
88-74-4	B	2-Nitroaniline	BMDL	1000	U	BMDL	950	U	BMDL	930	U
131-11-3	B	Dimethylphthalate	BMDL	410	U	BMDL	380	U	BMDL	370	U
208-96-8	B	Acenaphthylene	BMDL	410	U	BMDL	380	U	BMDL	370	U
606-20-2	B	2,6-Dinitrotoluene	BMDL	410	U	BMDL	380	U	BMDL	370	U
99-09-2	B	3-Nitroaniline	BMDL	1000	U	BMDL	950	U	BMDL	930	U
83-32-9	B	Acenaphthene	BMDL	410	U	BMDL	380	U	BMDL	370	U
51-28-5	B	2,4-Dinitrophenol	BMDL	1000	U	BMDL	950	U	BMDL	930	U
100-02-7	B	4-Nitrophenol	BMDL	1000	U	BMDL	950	U	BMDL	930	U
132-64-9	B	Dibenzofuran	BMDL	410	U	BMDL	380	U	BMDL	370	U
121-14-2	B	2,4-Dinitrotoluene	BMDL	410	U	BMDL	380	U	BMDL	370	U
84-66-2	B	Diethylphthalate	BMDL	410	U	BMDL	380	U	BMDL	370	U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	410	U	BMDL	380	U	BMDL	370	U
86-73-7	B	Fluorene	BMDL	410	U	BMDL	380	U	BMDL	370	U
100-01-6	B	4-Nitroaniline	BMDL	1000	U	BMDL	950	U	BMDL	930	U
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	1000	U	BMDL	950	U	BMDL	930	U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID FACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42SS-7			INDIAN HEAD 42SS-8			INDIAN HEAD 42SS-9		
			0860.9	0861.7	0862.5	03/14/92	03/14/92	03/14/92	SOIL	SOIL	SOIL
			ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	
86-30-8	B	N-Nitrosodiphenylamine	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
101-55-3	B	4-Bromophenyl-phenylether	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
118-74-1	B	Hexachlorobenzene	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
87-86-5	B	Pentachlorophenol	BMDL	1000 U	BMDL	950 U	BMDL	930 U	BMDL	930 U	
85-01-8	B	Phenanthrene	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
120-12-7	B	Anthracene	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
86-74-8	B	Carbazole	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
84-74-2	B	Di-n-butylphthalate	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
205-44-0	B	Fluoranthene	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
129-00-0	B	Pyrene	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
85-88-7	B	Butylbenzylphthalate	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
91-94-1	B	3,3'-Dichlorobenzidine	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
56-55-3	B	Benzo(a)anthracene	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
218-01-9	B	Chrysene	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
117-81-7	B	bis(2-Ethylhexyl)phthalate		6200 B		7100 B		6300 B		6300 B	
117-84-0	B	Di-n-octylphthalate	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
205-99-2	B	Benzo(b)fluoranthene	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
207-08-9	B	Benzo(k)fluoranthene	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
50-32-8	B	Benzo(a)pyrene	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
193-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
191-24-2	B	Benzo(g,h,i)perylene	BMDL	410 U	BMDL	380 U	BMDL	370 U	BMDL	370 U	
DATE OF ANALYSIS											
PESTICIDES											
319-84-6	P	Alpha-BHC	BMDL	2 U	BMDL	1.9 U	BMDL	1.9 U	BMDL	1.9 U	
319-85-7	P	Beta-BHC	BMDL	2 U	BMDL	1.9 U	BMDL	1.9 U	BMDL	1.9 U	
319-86-8	P	Delta-BHC	BMDL	2 U	BMDL	1.9 U	BMDL	1.9 U	BMDL	1.9 U	
58-89-9	P	Gamma-BHC	BMDL	2 U	BMDL	1.9 U	BMDL	1.9 U	BMDL	1.9 U	
76-44-8	F	Heptachlor	BMDL	2 U	BMDL	1.9 U	BMDL	1.9 U	BMDL	1.9 U	
309-00-2	P	Aldrin	BMDL	2 U	BMDL	1.9 U	BMDL	1.9 U	BMDL	1.9 U	
1024-57-3	P	Heptachlor Epoxide	BMDL	2 U	BMDL	1.9 U	BMDL	1.9 U	BMDL	1.9 U	
959-98-8	P	Endosulfan I	BMDL	2 U	BMDL	1.9 U	BMDL	1.9 U	BMDL	1.9 U	
60-57-1	P	Dieldrin	BMDL	4.1 U	BMDL	3.8 U	BMDL	3.7 U	BMDL	3.7 U	
72-55-9	P	4,4'-DDE	BMDL	4.1 U	BMDL	3.8 U	BMDL	3.7 U	BMDL	3.7 U	
72-20-8	F	Endrin	BMDL	4.1 U	BMDL	3.8 U	BMDL	3.7 U	BMDL	3.7 U	
33213-85-1	P	Endosulfan II	BMDL	4.1 U	BMDL	3.8 U	BMDL	3.7 U	BMDL	3.7 U	
72-54-8	P	4,4'-DDD	BMDL	4.1 U	BMDL	3.8 U	BMDL	3.7 U	BMDL	3.7 U	
1031-07-8	P	Endosulfan Sulfate	BMDL	4.1 U	BMDL	3.8 U	BMDL	3.7 U	BMDL	3.7 U	
50-20-3	P	4,4'-DDT		8.8		23 P		10 P		10 P	
72-43-5	P	Methoxychlor	BMDL	20 U	BMDL	19 U	BMDL	19 U	BMDL	19 U	
53494-70-1	F	Endrin Ketone	BMDL	4.1 U	BMDL	3.8 U	BMDL	3.7 U	BMDL	3.7 U	
7421-36-3	P	Endrin Aldehyde	BMDL	4.1 U	BMDL	3.8 U	BMDL	3.7 U	BMDL	3.7 U	
5103-71-9	P	alpha-Chlordane	BMDL	2 U	BMDL	1.9 U	BMDL	1.9 U	BMDL	1.9 U	
5103-74-2	P	gamma-Chlordane	BMDL	2 U	BMDL	1.9 U	BMDL	1.9 U	BMDL	1.9 U	
8001-35-2	P	Toxaphene	BMDL	200 U	BMDL	190 U	BMDL	190 U	BMDL	190 U	
12674-11-1	P	Arochlor-1016	BMDL	41 U	BMDL	38 U	BMDL	37 U	BMDL	37 U	
11104-28-1	P	Arochlor-1221	BMDL	81 U	BMDL	76 U	BMDL	74 U	BMDL	74 U	
11141-16-1	P	Arochlor-1232	BMDL	41 U	BMDL	38 U	BMDL	37 U	BMDL	37 U	
53469-21-1	P	Arochlor-1242	BMDL	41 U	BMDL	38 U	BMDL	37 U	BMDL	37 U	
12672-29-1	P	Arochlor-1248	BMDL	41 U	BMDL	38 U	BMDL	37 U	BMDL	37 U	
11097-69-1	P	Arochlor-1254	BMDL	41 U	BMDL	38 U	BMDL	37 U	BMDL	37 U	
11096-62-1	P	Arochlor-1260	BMDL	41 U	BMDL	38 U	BMDL	37 U	BMDL	37 U	
INORGANIC											
7420-90-5	I	Aluminum	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-36-0	I	Antimony	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-38-2	I	Arsenic	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-39-3	I	Barium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-41-7	I	Beryllium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-43-9	I	Cadmium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-70-2	I	Calcium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-47-3	I	Chromium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-48-4	I	Cobalt	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-50-8	I	Copper	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7439-89-6	I	Iron	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7439-92-1	I	Lead	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7439-95-4	I	Magnesium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7439-96-5	I	Manganese	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7439-97-6	I	Mercury	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-02-0	I	Nickel	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-09-7	I	Potassium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7782-49-2	I	Selenium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-22-4	I	Silver	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-23-5	I	Sodium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-28-0	I	Thallium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-62-2	I	Vanadium	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
7440-66-6	I	Zinc	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		
		Cyanide	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.		

SITE INVESTIGATION - INDIAN HEAD

		LOCATION	INDIAN HEAD	
		SAMPLE ID	42SS-10	
		PACE ID	0903.3	
		DATE OF ANALYSIS	03/14/92	
CAS. NO.	CL	MATRIX UNITS	SOIL	ug/kg
VOLATILES				
74-87-3	V	Chloromethane	BMDL	12 U
74-83-9	V	Bromomethane	BMDL	12 U
75-01-4	V	Vinyl Chloride	BMDL	12 U
75-00-3	V	Chloroethane	BMDL	12 U
75-09-2	V	Methylene Chloride	BMDL	12 U
67-84-1	V	Acetone	BMDL	12 U
75-15-0	V	Carbon Disulfide	BMDL	12 U
75-35-4	V	1,1-Dichloroethane	BMDL	12 U
75-34-3	V	1,1-Dichloroethane	BMDL	12 U
540-59-0	V	1,2-Dichloroethane (total)	BMDL	12 U
67-66-3	V	Chloroform	BMDL	12 U
107-06-2	V	1,2-Dichloroethane	BMDL	12 U
78-83-3	V	2-Butanone	BMDL	12 U
71-55-6	V	1,1,1-Trichloroethane	BMDL	12 U
56-23-5	V	Carbon Tetrachloride	BMDL	12 U
75-27-4	V	Bromodichloromethane	BMDL	12 U
78-87-5	V	1,2-Dichloropropane	BMDL	12 U
10061-01-1	V	cis-1,3-Dichloropropene	BMDL	12 U
79-01-6	V	Trichloroethene	BMDL	12 U
124-48-1	V	Dibromochloromethane	BMDL	12 U
79-00-5	V	1,1,2-Trichloroethane	BMDL	12 U
71-43-2	V	Benzene	BMDL	12 U
10061-02-1	V	trans-1,3-Dichloropropene	BMDL	12 U
75-25-2	V	Bromoform	BMDL	12 U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	12 U
591-78-6	V	2-Hexanone	BMDL	12 U
127-18-4	V	Tetrachloroethene	BMDL	12 U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	12 U
108-88-3	V	Toluene	BMDL	12 U
108-90-7	V	Chlorobenzene	BMDL	12 U
100-41-4	V	Ethylbenzene	BMDL	12 U
100-42-5	V	Styrene	BMDL	12 U
1330-20-7	V	Xylene (total)	BMDL	12 U
SEMI-VOLATILES				
108-95-2	B	Phenol	BMDL	410 U
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	410 U
95-57-8	B	2-Chlorophenol	BMDL	410 U
541-73-1	B	1,3-Dichlorobenzene	BMDL	410 U
106-46-7	B	1,4-Dichlorobenzene	BMDL	410 U
95-50-1	B	1,2-Dichlorobenzene	BMDL	410 U
95-48-7	B	2-Methylphenol	BMDL	410 U
108-60-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	410 U
106-44-5	B	4-Methylphenol	BMDL	410 U
621-64-7	B	N-Nitroso-di-n-propylamine	BMDL	410 U
97-72-1	B	Hexachloroethane	BMDL	410 U
98-95-3	B	Nitrobenzene	BMDL	410 U
78-59-1	B	Isophorone	BMDL	410 U
88-75-5	B	2-Nitrophenol	BMDL	410 U
105-67-9	B	2,4-Dimethylphenol	BMDL	410 U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	410 U
120-83-2	B	2,4-Dichlorophenol	BMDL	410 U
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	410 U
91-20-3	B	Naphthalene	BMDL	410 U
106-47-8	B	4-Chloroaniline	BMDL	410 U
87-68-3	B	Hexachlorobutadiene	BMDL	410 U
59-50-7	B	4-Chloro-3-methylphenol	BMDL	410 U
91-57-8	B	2-Methylnaphthalene	BMDL	410 U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	410 U
88-06-2	B	2,4,6-Trichlorophenol	BMDL	410 U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	1000 U
91-58-7	B	2-Chloronaphthalene	BMDL	410 U
88-74-4	B	2-Nitroaniline	BMDL	1000 U
131-11-3	B	Dimethylphthalate	BMDL	410 U
208-96-8	B	Acenaphthylene	BMDL	410 U
606-20-2	B	2,6-Dinitrotoluene	BMDL	410 U
99-09-2	B	3-Nitroaniline	BMDL	1000 U
83-32-9	B	Acenaphthene	BMDL	410 U
51-28-5	B	2,4-Dinitrophenol	BMDL	1000 U
100-02-7	B	4-Nitrophenol	BMDL	1000 U
132-64-9	B	Dibenzofuran	BMDL	410 U
121-14-2	B	2,4-Dinitrotoluene	BMDL	410 U
84-66-2	B	Diethylphthalate	BMDL	410 U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	410 U
86-73-7	B	Fluorene	BMDL	410 U
100-01-9	B	4-Nitroaniline	BMDL	1000 U
534-82-1	B	4,6-Dinitro-2-methylphenol	BMDL	1000 U

SITE INVESTIGATION - INDIAN HEAD

		LOCATION	INDIAN HEAD	
		SAMPLE ID	42SS-10	
		PACE ID	0863.3	
		DATE OF ANALYSIS	03/14/92	
		MATRIX	SOIL	
CAS. NO.	CL	UNITS	ug/kg	
86-30-8	B	N-Nitrosodiphenylamine	BMDL	410 U
101-55-3	B	4-Bromophenyl-phenylether	BMDL	410 U
118-74-1	B	Hexachlorobenzene	BMDL	410 U
87-86-5	B	Pentachlorophenol	BMDL	1000 U
85-01-8	B	Phenanthrene	BMDL	410 U
120-12-7	B	Anthracene	BMDL	410 U
86-74-8	B	Carbazole	BMDL	410 U
84-74-2	B	Di-n-butylphthalate	BMDL	410 U
206-44-0	B	Fluoranthene	BMDL	410 U
129-00-0	B	Pyrene	BMDL	410 U
85-68-7	B	Butylbenzylphthalate	BMDL	410 U
91-04-1	B	3,3'-Dichlorobenzidine	BMDL	410 U
56-55-3	B	Benzo(a)anthracene	BMDL	410 U
218-01-9	B	Chrysene	BMDL	410 U
117-81-7	B	bis(2-Ethylhexyl)phthalate		6400 B
117-84-0	B	Di-n-octylphthalate	BMDL	410 U
206-99-2	B	Benzo(b)fluoranthene	BMDL	410 U
207-08-9	B	Benzo(k)fluoranthene	BMDL	410 U
50-32-8	B	Benzo(a)pyrene	BMDL	410 U
193-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	410 U
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	410 U
191-24-2	B	Benzo(g,h,i)perylene	BMDL	410 U
DATE OF ANALYSIS				
PESTICIDES				
319-84-8	P	Alpha-BHC	BMDL	2 U
319-85-7	P	Beta-BHC	BMDL	2 U
319-86-8	P	Delta-BHC	BMDL	2 U
56-89-9	P	Gamma-BHC	BMDL	2 U
76-44-8	P	Heptachlor	BMDL	2 U
309-00-2	P	Aldrin	BMDL	2 U
1024-57-3	P	Heptachlor Epoxide	BMDL	2 U
959-98-8	P	Endosulfan I	BMDL	2 U
60-57-1	P	Dieldrin	BMDL	4.1 U
72-55-9	P	4,4'-DDE	BMDL	4.1 U
72-20-8	P	Endrin	BMDL	4.1 U
33213-65-1	P	Endosulfan II	BMDL	4.1 U
72-54-8	P	4,4'-DDD	BMDL	4.1 U
1031-07-8	P	Endosulfan Sulfate	BMDL	4.1 U
50-29-3	P	4,4'-DDT		4.9
72-43-5	P	Methoxychlor	BMDL	20 U
53494-70-1	P	Endrin Ketone	BMDL	4.1 U
7421-36-3	P	Endrin Aldehyde	BMDL	4.1 U
5103-71-9	P	alpha-Chlordane	BMDL	2 U
5103-74-2	P	gamma-Chlordane	BMDL	2 U
8001-35-2	P	Toxaphene	BMDL	200 U
12874-11-1	P	Arochlor-1016	BMDL	41 U
11104-28-1	P	Arochlor-1221	BMDL	81 U
11141-16-1	P	Arochlor-1232	BMDL	41 U
53489-21-1	P	Arochlor-1242	BMDL	41 U
12672-29-1	P	Arochlor-1248	BMDL	41 U
11097-69-1	P	Arochlor-1254	BMDL	41 U
11096-82-1	P	Arochlor-1260	BMDL	41 U
INORGANIC				
7429-90-5	I	Aluminum	NOT ANALYZED FOR INORGANIC.	
7440-38-0	I	Antimony		
7440-38-2	I	Arsenic		
7440-39-3	I	Barium		
7440-41-7	I	Beryllium		
7440-43-9	I	Cadmium		
7440-70-2	I	Calcium		
7440-47-3	I	Chromium		
7440-48-4	I	Cobalt		
7440-50-8	I	Copper		
7439-89-6	I	Iron		
7439-92-1	I	Lead		
7439-95-4	I	Magnesium		
7439-96-5	I	Manganese		
7439-97-6	I	Mercury		
7440-02-0	I	Nickel		
7440-06-7	I	Potassium		
7782-49-2	I	Selenium		
7440-22-4	I	Silver		
7440-23-5	I	Sodium		
7440-28-0	I	Thallium		
7440-62-2	I	Vanadium		
7440-66-6	I	Zinc		
	I	Cyanide		

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42SS-10D 0864.1 03/14/92 SOIL ug/kg			INDIAN HEAD 42SS-11 0867.6 03/14/92 SOIL ug/kg			INDIAN HEAD 42SS-12 0608.7 03/17/92 SOIL ug/kg		
			BMDL		U	BMDL		U	BMDL		U
VOLATILES											
74-87-3	V	Chloromethane	BMDL	12	U	BMDL	12	U	BMDL	15	U
74-83-9	V	Bromomethane	BMDL	12	U	BMDL	12	U	BMDL	15	U
75-01-4	V	Vinyl Chloride	BMDL	12	U	BMDL	12	U	BMDL	15	U
75-00-3	V	Chloroethane	BMDL	12	U	BMDL	12	U	BMDL	15	U
75-09-2	V	Methylene Chloride	BMDL	12	U	BMDL	12	U	BMDL	15	U
67-64-1	V	Acetone	BMDL	12	U	BMDL	12	U	BMDL	15	U
75-15-0	V	Carbon Disulfide	BMDL	12	U	BMDL	12	U	BMDL	15	U
75-35-4	V	1,1-Dichloroethane	BMDL	12	U	BMDL	12	U	BMDL	15	U
75-34-3	V	1,1-Dichloroethane	BMDL	12	U	BMDL	12	U	BMDL	15	U
540-59-0	V	1,2-Dichloroethane (total)	BMDL	12	U	BMDL	12	U	BMDL	15	U
67-66-3	V	Chloroform	BMDL	12	U	BMDL	12	U	BMDL	15	U
107-06-2	V	1,2-Dichloroethane	BMDL	12	U	BMDL	12	U	BMDL	15	U
78-93-3	V	2-Butanone	BMDL	12	U	BMDL	12	U	BMDL	15	U
71-85-6	V	1,1,1-Trichloroethane	BMDL	12	U	BMDL	12	U	BMDL	15	U
56-23-6	V	Carbon Tetrachloride	BMDL	12	U	BMDL	12	U	BMDL	15	U
75-27-4	V	Bromodichloromethane	BMDL	12	U	BMDL	12	U	BMDL	15	U
78-87-5	V	1,2-Dichloropropane	BMDL	12	U	BMDL	12	U	BMDL	15	U
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	12	U	BMDL	12	U	BMDL	15	U
79-01-6	V	Trichloroethene	BMDL	12	U	BMDL	12	U	BMDL	15	U
124-48-1	V	Dibromochloromethane	BMDL	12	U	BMDL	12	U	BMDL	15	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	12	U	BMDL	12	U	BMDL	15	U
71-43-2	V	Benzene	BMDL	12	U	BMDL	12	U	BMDL	15	U
10061-02-6	V	trans-1,3-Dichloropropene	BMDL	12	U	BMDL	12	U	BMDL	15	U
75-25-2	V	Bromoform	BMDL	12	U	BMDL	12	U	BMDL	15	U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	12	U	BMDL	12	U	BMDL	15	U
591-78-6	V	2-Hexanone	BMDL	12	U	BMDL	12	U	BMDL	15	U
127-18-4	V	Tetrachloroethene	BMDL	12	U	BMDL	12	U	BMDL	15	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	12	U	BMDL	12	U	BMDL	15	U
108-88-3	V	Toluene	BMDL	12	U	BMDL	12	U	BMDL	15	U
108-90-7	V	Chlorobenzene	BMDL	12	U	BMDL	12	U	BMDL	15	U
100-41-4	V	Ethylbenzene	BMDL	12	U	BMDL	12	U	BMDL	15	U
100-42-5	V	Styrene	BMDL	12	U	BMDL	12	U	BMDL	15	U
1330-20-7	V	Xylenes (total)	BMDL	12	U	BMDL	12	U	BMDL	15	U
DATE OF ANALYSIS											
SEMI-VOLATILES											
108-95-2	B	Phenol	BMDL	410	U	BMDL	400	U	BMDL	500	U
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	410	U	BMDL	400	U	BMDL	500	U
95-57-8	B	2-Chlorophenol	BMDL	410	U	BMDL	400	U	BMDL	500	U
541-73-1	B	1,3-Dichlorobenzene	BMDL	410	U	BMDL	400	U	BMDL	500	U
106-46-7	B	1,4-Dichlorobenzene	BMDL	410	U	BMDL	400	U	BMDL	500	U
95-50-1	B	1,2-Dichlorobenzene	BMDL	410	U	BMDL	400	U	BMDL	500	U
95-48-7	B	2-Methylphenol	BMDL	410	U	BMDL	400	U	BMDL	500	U
108-60-1	B	2,2-oxybis(1-Chloropropane)	BMDL	410	U	BMDL	400	U	BMDL	500	U
106-44-5	B	4-Methylphenol	BMDL	410	U	BMDL	400	U	BMDL	500	U
621-84-7	B	N-Nitroso-di-n-propylamine	BMDL	410	U	BMDL	400	U	BMDL	500	U
67-72-1	B	Hexachloroethane	BMDL	410	U	BMDL	400	U	BMDL	500	U
98-95-3	B	Nitrobenzene	BMDL	410	U	BMDL	400	U	BMDL	500	U
78-59-1	B	Isophorone	BMDL	410	U	BMDL	400	U	BMDL	500	U
88-75-8	B	2-Nitrophenol	BMDL	410	U	BMDL	400	U	BMDL	500	U
105-67-9	B	2,4-Dimethylphenol	BMDL	410	U	BMDL	400	U	BMDL	500	U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	410	U	BMDL	400	U	BMDL	500	U
120-83-2	B	2,4-Dichlorophenol	BMDL	410	U	BMDL	400	U	BMDL	500	U
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	410	U	BMDL	400	U	BMDL	500	U
91-20-3	B	Naphthalene	BMDL	410	U	BMDL	400	U	BMDL	500	U
106-47-8	B	4-Chloroaniline	BMDL	410	U	BMDL	400	U	BMDL	500	U
87-68-3	B	Hexachlorobutadiene	BMDL	410	U	BMDL	400	U	BMDL	500	U
59-50-7	B	4-Chloro-3-methylphenol	BMDL	410	U	BMDL	400	U	BMDL	500	U
91-57-6	B	2-Methylnaphthalene	BMDL	410	U	BMDL	400	U	BMDL	500	U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	410	U	BMDL	400	U	BMDL	500	U
88-06-2	B	2,4,6-Trichlorophenol	BMDL	410	U	BMDL	400	U	BMDL	500	U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	1000	U	BMDL	990	U	BMDL	1200	U
91-58-7	B	2-Chloronaphthalene	BMDL	410	U	BMDL	400	U	BMDL	500	U
88-74-4	B	2-Nitroaniline	BMDL	1000	U	BMDL	990	U	BMDL	1200	U
131-11-3	B	Dimethylphthalate	BMDL	410	U	BMDL	400	U	BMDL	500	U
208-96-8	B	Acenaphthylene	BMDL	410	U	BMDL	400	U	BMDL	500	U
606-20-2	B	2,6-Dinitrotoluene	BMDL	410	U	BMDL	400	U	BMDL	500	U
99-08-2	B	3-Nitroaniline	BMDL	1000	U	BMDL	990	U	BMDL	1200	U
83-32-9	B	Acenaphthene	BMDL	410	U	BMDL	400	U	BMDL	500	U
51-28-5	B	2,4-Dinitrophenol	BMDL	1000	U	BMDL	990	U	BMDL	1200	U
100-02-7	B	4-Nitrophenol	BMDL	1000	U	BMDL	990	U	BMDL	1200	U
132-84-9	B	Dibenzofuran	BMDL	410	U	BMDL	400	U	BMDL	500	U
121-14-2	B	2,4-Dinitrotoluene	BMDL	410	U	BMDL	400	U	BMDL	500	U
84-66-2	B	Diethylphthalate	BMDL	410	U	BMDL	400	U	BMDL	500	U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	410	U	BMDL	400	U	BMDL	500	U
86-73-7	B	Fluorene	BMDL	410	U	BMDL	400	U	BMDL	500	U
100-01-6	B	4-Nitroaniline	BMDL	1000	U	BMDL	990	U	BMDL	1200	U

SITE INVESTIGATION - INDIAN HEAD

		LOCATION	INDIAN HEAD			INDIAN HEAD			INDIAN HEAD		
		SAMPLE ID	42SS-10D			42SS-11			42SS-12		
		PACE ID	0864.1			0867.6			0908.7		
		DATE OF ANALYSIS	03/14/92			03/14/92			03/17/92		
		MATRIX	SOIL			SOIL			SOIL		
CAS. NO.	CL	UNITS	ug/kg			ug/kg			ug/kg		
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	1000	U	BMDL	990	U	BMDL	1200	U
86-30-6	B	N-Nitrosodiphenylamine	BMDL	410	U	BMDL	400	U	BMDL	500	U
101-55-3	B	4-Bromophenyl-phenylether	BMDL	410	U	BMDL	400	U	BMDL	500	U
118-74-1	B	Hexachlorobenzene	BMDL	410	U	BMDL	400	U	BMDL	500	U
87-86-5	B	Pentachlorophenol	BMDL	1000	U	BMDL	990	U	BMDL	1200	U
85-01-8	B	Phenanthrene	BMDL	410	U	BMDL	400	U	BMDL	500	U
120-12-7	B	Anthracene	BMDL	410	U	BMDL	400	U	BMDL	500	U
86-74-8	B	Carbazole	BMDL	410	U	BMDL	400	U	BMDL	500	U
84-74-2	B	Di-n-butylphthalate	BMDL	410	U	BMDL	400	U	BMDL	500	U
208-44-0	B	Fluoranthene	BMDL	410	U	BMDL	400	U	BMDL	500	U
129-00-0	B	Pyrene	BMDL	410	U	BMDL	400	U	BMDL	500	U
85-88-7	B	Butylbenzylphthalate	BMDL	410	U	BMDL	400	U	BMDL	500	U
91-94-1	B	3,3'-Dichlorobenzidine	BMDL	410	U	BMDL	400	U	BMDL	500	U
56-55-3	B	Benzo(a)anthracene	BMDL	410	U	BMDL	400	U	BMDL	500	U
218-01-9	B	Chrysene	BMDL	410	U	BMDL	400	U	BMDL	500	U
117-81-7	B	bis(2-Ethylhexyl)phthalate		8900	B		3700	B		4100	B
117-84-0	B	Di-n-octylphthalate	BMDL	410	U	BMDL	400	U	BMDL	500	U
205-98-2	B	Benzo(b)fluoranthene	BMDL	410	U	BMDL	400	U	BMDL	500	U
207-08-9	B	Benzo(k)fluoranthene	BMDL	410	U	BMDL	400	U	BMDL	500	U
50-32-8	B	Benzo(a)pyrene	BMDL	410	U	BMDL	400	U	BMDL	500	U
193-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	410	U	BMDL	400	U	BMDL	500	U
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	410	U	BMDL	400	U	BMDL	500	U
191-24-2	B	Benzo(g,h,i)perylene	BMDL	410	U	BMDL	400	U	BMDL	500	U
PESTICIDES											
319-84-6	P	Alpha-BHC	BMDL	2	U	BMDL	2	U	BMDL	2.5	U
319-85-7	P	Beta-BHC	BMDL	2	U	BMDL	2	U	BMDL	2.5	U
319-86-8	P	Delta-BHC	BMDL	2	U	BMDL	2	U	BMDL	2.5	U
58-89-9	P	Gamma-BHC	BMDL	2	U	BMDL	2	U	BMDL	2.5	U
76-44-8	P	Heptachlor	BMDL	2	U	BMDL	2	U	BMDL	2.5	U
309-00-2	P	Aldrin	BMDL	2	U	BMDL	2	U	BMDL	2.5	U
1024-57-3	P	Heptachlor Epoxide	BMDL	2	U	BMDL	2	U	BMDL	2.5	U
859-98-8	P	Endosulfan I	BMDL	2	U	BMDL	2	U	BMDL	2.5	U
60-57-1	P	Dieldrin	BMDL	4.1	U	BMDL	4	U	BMDL	5	U
72-55-9	P	4,4'-DDE	BMDL	4.1	U	BMDL	4	U	BMDL	5	U
72-20-8	P	Endrin	BMDL	4.1	U	BMDL	4	U	BMDL	5	U
33213-65-9	P	Endosulfan II	BMDL	4.1	U	BMDL	4	U	BMDL	5	U
72-54-8	P	4,4'-DDD	BMDL	4.1	U	BMDL	4	U	BMDL	5	U
1031-07-8	P	Endosulfan Sulfate	BMDL	4.1	U	BMDL	4	U	BMDL	5	U
50-29-3	P	4,4'-DDT	BMDL	4.1	U		5.2	P	BMDL	5	U
72-43-5	P	Methoxychlor	BMDL	20	U	BMDL	20	U	BMDL	25	U
53494-70-5	P	Endrin Ketone	BMDL	4.1	U	BMDL	4	U	BMDL	5	U
7421-36-3	P	Endrin Aldehyde	BMDL	4.1	U	BMDL	4	U	BMDL	5	U
5103-71-9	P	alpha-Chlordane	BMDL	2	U	BMDL	2	U	BMDL	2.5	U
5103-74-2	P	gamma-Chlordane	BMDL	2	U	BMDL	2	U	BMDL	2.5	U
8001-35-2	P	Toxaphene	BMDL	200	U	BMDL	200	U	BMDL	250	U
12674-11-2	P	Arochlor-1016	BMDL	41	U	BMDL	40	U	BMDL	50	U
11104-28-2	P	Arochlor-1221	BMDL	81	U	BMDL	79	U	BMDL	100	U
11141-16-5	P	Arochlor-1232	BMDL	41	U	BMDL	40	U	BMDL	50	U
53469-21-9	P	Arochlor-1242	BMDL	41	U	BMDL	40	U	BMDL	50	U
12672-29-6	P	Arochlor-1248	BMDL	41	U	BMDL	40	U	BMDL	50	U
11097-69-1	P	Arochlor-1254	BMDL	41	U	BMDL	40	U	BMDL	50	U
11066-82-5	P	Arochlor-1260	BMDL	41	U	BMDL	40	U	BMDL	50	U
INORGANIC UNITS											
7429-90-5	I	Aluminum	NOT ANALYZED FOR INORGANIC.			NOT ANALYZED FOR INORGANIC.			BMDL	6990	
7440-38-0	I	Antimony							BMDL	0.87	U
7440-38-2	I	Arsenic								3.5	
7440-39-3	I	Barium								43	B
7440-41-7	I	Beryllium							BMDL	0.58	U
7440-43-9	I	Cadmium							BMDL	0.29	U
7440-70-2	I	Calcium								284	B
7440-47-3	I	Chromium								15.2	
7440-48-4	I	Cobalt								6.4	B
7440-50-8	I	Copper								9.6	
7439-89-6	I	Iron								18000	
7439-92-1	I	Lead								12.2	
7439-95-4	I	Magnesium								615	B
7439-96-5	I	Manganese								346	
7439-97-6	I	Mercury							BMDL	0.14	U
7440-02-0	I	Nickel								7.6	B
7440-09-7	I	Potassium								615	B
7782-49-2	I	Selenium							BMDL	0.3	U
7440-22-4	I	Silver								13.7	
7440-23-5	I	Sodium								65	B
7440-28-0	I	Thallium							BMDL	0.3	U
7440-62-2	I	Vanadium								23.8	
7440-66-6	I	Zinc								38.8	
		Cyanide							BMDL	1.9	U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID FACE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42SS-13 0609.5 03/17/92 SOIL ug/kg			INDIAN HEAD 42SS-13D 0910.9 03/17/92 SOIL ug/kg			INDIAN HEAD 42SS-14 0962.1 03/20/92 SOIL ug/kg		
			ug/kg			ug/kg			ug/kg		
VOLATILES											
74-87-3	V	Chloromethane	BMDL	19	U	BMDL	17	U	BMDL	12	U
74-83-9	V	Bromomethane	BMDL	19	U	BMDL	17	U	BMDL	12	U
75-01-4	V	Vinyl Chloride	BMDL	19	U	BMDL	17	U	BMDL	12	U
75-00-3	V	Chloroethane	BMDL	19	U	BMDL	17	U	BMDL	12	U
75-08-2	V	Methylene Chloride	BMDL	19	U	BMDL	17	U	BMDL	12	U
67-64-1	V	Acetone		35			80		BMDL	12	U
75-15-0	V	Carbon Disulfide	BMDL	19	U	BMDL	17	U	BMDL	12	U
75-35-4	V	1,1-Dichloroethane	BMDL	19	U	BMDL	17	U	BMDL	12	U
75-34-3	V	1,1-Dichloroethane	BMDL	19	U	BMDL	17	U	BMDL	12	U
540-59-0	V	1,2-Dichloroethane (total)	BMDL	19	U	BMDL	17	U	BMDL	12	U
67-66-3	V	Chloroform	BMDL	19	U	BMDL	17	U	BMDL	12	U
107-06-2	V	1,2-Dichloroethane	BMDL	19	U	BMDL	17	U	BMDL	12	U
78-93-3	V	2-Butanone		32		BMDL	17	U	BMDL	12	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	19	U	BMDL	17	U	BMDL	12	U
56-23-5	V	Carbon Tetrachloride	BMDL	19	U	BMDL	17	U	BMDL	12	U
75-27-4	V	Bromodichloromethane	BMDL	19	U	BMDL	17	U	BMDL	12	U
78-87-5	V	1,2-Dichloropropane	BMDL	19	U	BMDL	17	U	BMDL	12	U
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	19	U	BMDL	17	U	BMDL	12	U
79-01-6	V	Trichloroethene	BMDL	19	U	BMDL	17	U	BMDL	12	U
124-48-1	V	Dibromochloromethane	BMDL	19	U	BMDL	17	U	BMDL	12	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	19	U	BMDL	17	U	BMDL	12	U
71-43-2	V	Benzene	BMDL	19	U	BMDL	17	U	BMDL	12	U
10061-02-6	V	trans-1,3-Dichloropropene	BMDL	19	U	BMDL	17	U	BMDL	12	U
75-25-2	V	Bromoform	BMDL	19	U	BMDL	17	U	BMDL	12	U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	19	U	BMDL	17	U	BMDL	12	U
591-78-6	V	2-Hexanone	BMDL	19	U	BMDL	17	U	BMDL	12	U
127-18-4	V	Tetrachloroethene	BMDL	19	U	BMDL	17	U	BMDL	12	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	19	U	BMDL	17	U	BMDL	12	U
108-88-3	V	Toluene	BMDL	19	U	BMDL	17	U		2	J
108-90-7	V	Chlorobenzene	BMDL	19	U	BMDL	17	U	BMDL	12	U
100-41-4	V	Ethylbenzene	BMDL	19	U	BMDL	17	U	BMDL	12	U
100-42-5	V	Styrene	BMDL	19	U	BMDL	17	U	BMDL	12	U
1330-20-7	V	Xylene (total)	BMDL	19	U	BMDL	17	U	BMDL	12	U
DATE OF ANALYSIS									03/23/92	42SS-14	
SEMI-VOLATILES											
108-95-2	B	Phenol	BMDL	630	U	BMDL	560	U	BMDL	390	U
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	630	U	BMDL	560	U	BMDL	390	U
95-57-8	B	2-Chlorophenol	BMDL	630	U	BMDL	560	U	BMDL	390	U
541-73-1	B	1,3-Dichlorobenzene	BMDL	630	U	BMDL	560	U	BMDL	390	U
106-46-7	B	1,4-Dichlorobenzene	BMDL	630	U	BMDL	560	U	BMDL	390	U
95-50-1	B	1,2-Dichlorobenzene	BMDL	630	U	BMDL	560	U	BMDL	390	U
95-48-7	B	2-Methylphenol	BMDL	630	U	BMDL	560	U	BMDL	390	U
108-60-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	630	U	BMDL	560	U	BMDL	390	U
106-44-5	B	4-Methylphenol	BMDL	630	U	BMDL	560	U	BMDL	390	U
621-64-7	B	N-Nitroso-di-n-propylamine	BMDL	630	U	BMDL	560	U	BMDL	390	U
67-72-1	B	Hexachloroethane	BMDL	630	U	BMDL	560	U	BMDL	390	U
98-95-3	B	Nitrobenzene	BMDL	630	U	BMDL	560	U	BMDL	390	U
78-59-1	B	Isophorone	BMDL	630	U	BMDL	560	U	BMDL	390	U
88-75-6	B	2-Nitrophenol	BMDL	630	U	BMDL	560	U	BMDL	390	U
105-67-9	B	2,4-Dimethylphenol	BMDL	630	U	BMDL	560	U	BMDL	390	U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	630	U	BMDL	560	U	BMDL	390	U
120-83-2	B	2,4-Dichlorophenol	BMDL	630	U	BMDL	560	U	BMDL	390	U
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	630	U	BMDL	560	U	BMDL	390	U
91-20-3	B	Naphthalene	BMDL	630	U	BMDL	560	U	BMDL	390	U
106-47-8	B	4-Chloroaniline	BMDL	630	U	BMDL	560	U	BMDL	390	U
87-68-3	B	Hexachlorobutadiene	BMDL	630	U	BMDL	560	U	BMDL	390	U
59-50-7	B	4-Chloro-3-methylphenol	BMDL	630	U	BMDL	560	U	BMDL	390	U
91-57-6	B	2-Methylnaphthalene	BMDL	630	U	BMDL	560	U	BMDL	390	U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	630	U	BMDL	560	U	BMDL	390	U
68-08-2	B	2,4,6-Trichlorophenol	BMDL	630	U	BMDL	560	U	BMDL	390	U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	1600	U	BMDL	1400	U	BMDL	980	U
91-58-7	B	2-Chloronaphthalene	BMDL	630	U	BMDL	560	U	BMDL	390	U
88-74-4	B	2-Nitroaniline	BMDL	1600	U	BMDL	1400	U	BMDL	980	U
131-11-3	B	Dimethylphthalate	BMDL	630	U	BMDL	560	U	BMDL	390	U
208-96-8	B	Acenaphthylene	BMDL	630	U	BMDL	560	U	BMDL	390	U
606-20-2	B	2,6-Dinitrotoluene	BMDL	630	U	BMDL	560	U	BMDL	390	U
99-09-2	B	3-Nitroaniline	BMDL	1600	U	BMDL	1400	U	BMDL	980	U
83-32-9	B	Acenaphthene	BMDL	630	U	BMDL	560	U	BMDL	390	U
51-28-5	B	2,4-Dinitrophenol	BMDL	1600	U	BMDL	1400	U	BMDL	980	U
100-02-7	B	4-Nitrophenol	BMDL	1600	U	BMDL	1400	U	BMDL	980	U
132-84-9	B	Dibenzofuran	BMDL	630	U	BMDL	560	U	BMDL	390	U
121-14-2	B	2,4-Dinitrotoluene	BMDL	630	U	BMDL	560	U	BMDL	390	U
84-66-2	B	Diethylphthalate	BMDL	630	U	BMDL	560	U	BMDL	390	U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	630	U	BMDL	560	U	BMDL	390	U
88-73-7	B	Fluorene	BMDL	630	U	BMDL	560	U	BMDL	390	U
100-01-6	B	4-Nitroaniline	BMDL	1600	U	BMDL	1400	U	BMDL	980	U

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PAGE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD 42SS-13 0909.5 03/17/92		INDIAN HEAD 42SS-13D 0910.9 03/17/92		INDIAN HEAD 42SS-14 0962.1 03/20/92	
			SOIL ug/kg		SOIL ug/kg		SOIL ug/kg	
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	1600 U	BMDL	1400 U	BMDL	980 U
85-30-6	B	N-Nitrosodiphenylamine	BMDL	630 U	BMDL	560 U	BMDL	390 U
101-55-3	B	4-Bromophenyl-phenylether	BMDL	630 U	BMDL	560 U	BMDL	390 U
118-74-1	B	Hexachlorobenzene	BMDL	630 U	BMDL	560 U	BMDL	390 U
87-85-5	B	Pentachlorophenol	BMDL	1600 U	BMDL	1400 U	BMDL	980 U
85-01-8	B	Phenanthrene	BMDL	630 U	BMDL	560 U	BMDL	390 U
120-12-7	B	Anthracene	BMDL	630 U	BMDL	560 U	BMDL	390 U
86-74-8	B	Carbazole	BMDL	630 U	BMDL	560 U	BMDL	390 U
84-74-2	B	Di-n-butylphthalate	BMDL	630 U	BMDL	560 U	BMDL	390 U
206-44-0	B	Fluoranthene	BMDL	630 U	BMDL	560 U	BMDL	390 U
129-00-0	B	Pyrene	BMDL	630 U	BMDL	560 U	BMDL	390 U
85-68-7	B	Butylbenzylphthalate	BMDL	630 U	BMDL	560 U	BMDL	390 U
91-84-1	B	3,3'-Dichlorobenzidine	BMDL	630 U	BMDL	560 U	BMDL	390 U
56-55-3	B	Benzo(a)anthracene	BMDL	630 U	BMDL	560 U	BMDL	390 U
218-01-9	B	Chrysene	BMDL	630 U	BMDL	560 U	BMDL	390 U
117-81-7	B	bis(2-Ethylhexyl)phthalate		5700 B		2400 B	BMDL	390 U
117-84-0	B	Di-n-octylphthalate	BMDL	630 U	BMDL	560 U	BMDL	390 U
205-99-2	B	Benzo(b)fluoranthene	BMDL	630 U	BMDL	560 U	BMDL	390 U
207-08-9	B	Benzo(k)fluoranthene	BMDL	630 U	BMDL	560 U	BMDL	390 U
50-32-8	B	Benzo(a)pyrene	BMDL	630 U	BMDL	560 U	BMDL	390 U
193-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	630 U	BMDL	560 U	BMDL	390 U
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	630 U	BMDL	560 U	BMDL	390 U
191-24-2	B	Benzo(g,h,i)perylene	BMDL	630 U	BMDL	560 U	BMDL	390 U
PESTICIDES								
319-84-8	P	Alpha-BHC	BMDL	3.1 U	BMDL	2.8 U	BMDL	2 U
319-85-7	P	Beta-BHC	BMDL	3.1 U	BMDL	2.8 U	BMDL	2 U
319-86-8	P	Delta-BHC	BMDL	3.1 U	BMDL	2.8 U	BMDL	2 U
58-89-9	P	Gamma-BHC	BMDL	3.1 U	BMDL	2.8 U	BMDL	2 U
76-44-8	P	Heptachlor	BMDL	3.1 U	BMDL	2.8 U	BMDL	2 U
309-00-2	P	Aldrin	BMDL	3.1 U	BMDL	2.8 U	BMDL	2 U
1024-57-3	P	Heptachlor Epoxide	BMDL	3.1 U	BMDL	2.8 U	BMDL	2 U
959-98-8	P	Endosulfan I	BMDL	3.1 U	BMDL	2.8 U	BMDL	2 U
60-57-1	P	Dieldrin	BMDL	6.3 U	BMDL	5.6 U	BMDL	3.9 U
72-55-9	P	4,4'-DDE		8.4 P		5.6 U	BMDL	3.9 U
72-20-8	P	Endrin	BMDL	6.3 U	BMDL	5.6 U	BMDL	3.9 U
33213-85-9	P	Endosulfan II	BMDL	6.3 U	BMDL	5.6 U	BMDL	3.9 U
72-54-8	P	4,4'-DDD	BMDL	6.3 U	BMDL	5.6 U	BMDL	3.9 U
1031-07-8	P	Endosulfan Sulfate	BMDL	6.3 U	BMDL	5.6 U	BMDL	3.9 U
50-29-3	P	4,4'-DDT		16		5.6 U	BMDL	3.9 U
72-43-5	P	Methoxychlor	BMDL	31 U	BMDL	28 U	BMDL	20 U
53494-70-5	P	Endrin Ketone	BMDL	6.3 U	BMDL	5.6 U	BMDL	3.9 U
7421-36-3	P	Endrin Aldehyde	BMDL	6.3 U	BMDL	5.6 U	BMDL	3.9 U
5103-71-9	P	alpha-Chlordane	BMDL	3.1 U	BMDL	2.8 U	BMDL	2 U
5103-74-2	P	gamma-Chlordane	BMDL	3.1 U	BMDL	2.8 U	BMDL	2 U
8001-35-2	P	Toxaphene	BMDL	310 U	BMDL	280 U	BMDL	200 U
12874-11-2	P	Arochlor-1016	BMDL	63 U	BMDL	56 U	BMDL	39 U
11104-28-2	P	Arochlor-1221	BMDL	130 U	BMDL	110 U	BMDL	78 U
11141-16-5	P	Arochlor-1232	BMDL	63 U	BMDL	56 U	BMDL	39 U
53469-21-9	P	Arochlor-1242	BMDL	63 U	BMDL	56 U	BMDL	39 U
12672-29-6	P	Arochlor-1248	BMDL	63 U	BMDL	56 U	BMDL	39 U
11097-69-1	P	Arochlor-1254	BMDL	63 U	BMDL	56 U	BMDL	39 U
11096-82-5	P	Arochlor-1260	BMDL	63 U	BMDL	56 U	BMDL	39 U
INORGANIC UNITS								
7429-90-5	I	Aluminum		9950		8180	NOT ANALYZED FOR INORGANIC.	
7440-38-0	I	Antimony	BMDL	1.1 U	BMDL	0.98 U		
7440-38-2	I	Arsenic		3.2 B		1.4 B		
7440-39-3	I	Barium		98.1		82		
7440-41-7	I	Beryllium		1.1 B		0.78 B		
7440-43-9	I	Cadmium	BMDL	0.37 U	BMDL	0.33 U		
7440-70-2	I	Calcium		647 B		814 B		
7440-47-3	I	Chromium		12.3		11.3		
7440-48-4	I	Cobalt		19.5		12.3 B		
7440-50-8	I	Copper		8.8 B		11.3		
7439-69-6	I	Iron		11600		9680		
7439-92-1	I	Lead		33.8		29.4		
7439-95-4	I	Magnesium		794 B		681 B		
7439-98-5	I	Manganese		245		215		
7439-97-6	I	Mercury	BMDL	0.22 U	BMDL	0.17 U		
7440-02-0	I	Nickel		15.2		13.3		
7440-06-7	I	Potassium		651 B		586 B		
7782-49-2	I	Selenium		0.55 B		0.52 B		
7440-22-4	I	Silver		3.6 B		7.3		
7440-23-5	I	Sodium		88.3 B		90.7 B		
7440-28-0	I	Thallium	BMDL	0.36 U	BMDL	0.32 U		
7440-62-2	I	Vanadium		23.5		21.8		
7440-66-6	I	Zinc		50.7		49.4		
	I	Cyanide	BMDL	2.3 U	BMDL	2.1 U		

SITE INVESTIGATION - INDIAN HEAD

		LOCATION	INDIAN HEAD			INDIAN HEAD	INDIAN HEAD		
		SAMPLE ID	42SS-15			42SS-15 DL	TB 03/14		
		FACE ID	0963.0			0963.0	0873.0		
		DATE OF ANALYSIS	03/20/92			03/23/92	03/14/92		
		MATRIX	SOIL			SOIL	WATER		
CAS. NO.	CL	UNITS	ug/kg			ug/kg			ug/l
VOLATILES									
74-87-3	V	Chloromethane	BMDL	13	U	SAMPLE WAS RE-ANALYZED FOR PESTICIDES ONLY.	BMDL	10	U
74-83-9	V	Bromomethane	BMDL	13	U		BMDL	10	U
75-01-4	V	Vinyl Chloride	BMDL	13	U		BMDL	10	U
75-00-3	V	Chloroethane	BMDL	13	U		BMDL	10	U
75-00-2	V	Methylene Chloride	BMDL	13	U		BMDL	10	U
67-64-1	V	Acetone	BMDL	13	U		BMDL	10	U
75-15-0	V	Carbon Disulfide	BMDL	13	U		BMDL	10	U
75-35-4	V	1,1-Dichloroethane	BMDL	13	U		BMDL	10	U
75-34-3	V	1,1-Dichloroethane	BMDL	13	U		BMDL	10	U
540-59-0	V	1,2-Dichloroethane (total)	BMDL	13	U		BMDL	10	U
67-66-3	V	Chloroform	BMDL	13	U		BMDL	10	U
107-08-2	V	1,2-Dichloroethane	BMDL	13	U		BMDL	10	U
78-93-3	V	2-Butanone	BMDL	13	U		BMDL	10	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	13	U		BMDL	10	U
59-23-5	V	Carbon Tetrachloride	BMDL	13	U		BMDL	10	U
75-27-4	V	Bromodichloromethane	BMDL	13	U		BMDL	10	U
78-87-5	V	1,2-Dichloropropane	BMDL	13	U		BMDL	10	U
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	13	U		BMDL	10	U
79-01-6	V	Trichloroethane	BMDL	13	U		BMDL	10	U
124-48-1	V	Dibromochloromethane	BMDL	13	U		BMDL	10	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	13	U	BMDL	10	U	
71-43-2	V	Benzene	BMDL	13	U	BMDL	10	U	
10061-02-6	V	trans-1,3-Dichloropropene	BMDL	13	U	BMDL	10	U	
75-25-2	V	Bromoform	BMDL	13	U	BMDL	10	U	
108-10-1	V	4-Methyl-2-Pentanone	BMDL	13	U	BMDL	10	U	
591-78-6	V	2-Hexanone	BMDL	13	U	BMDL	10	U	
127-18-4	V	Tetrachloroethane	BMDL	13	U	BMDL	10	U	
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	13	U	BMDL	10	U	
108-88-3	V	Toluene		3	J	BMDL	10	U	
108-90-7	V	Chlorobenzene	BMDL	13	U	BMDL	10	U	
100-41-4	V	Ethylbenzene	BMDL	13	U	BMDL	10	U	
100-42-5	V	Styrene	BMDL	13	U	BMDL	10	U	
1330-20-7	V	Xylenes (total)	BMDL	13	U	BMDL	10	U	
DATE OF ANALYSIS			03/23/92	42SS-15					
SEMI-VOLATILES									
108-95-2	B	Phenol	BMDL	420	U	SAMPLE WAS RE-ANALYZED FOR PESTICIDES ONLY.	SAMPLE WAS ANALYZED FOR VOLATILE ONLY.		
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	420	U				
95-57-6	B	2-Chlorophenol	BMDL	420	U				
541-73-1	B	1,3-Dichlorobenzene	BMDL	420	U				
106-46-7	B	1,4-Dichlorobenzene		120	J				
95-50-1	B	1,2-Dichlorobenzene	BMDL	420	U				
95-48-7	B	2-Methylphenol	BMDL	420	U				
108-60-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	420	U				
106-44-5	B	4-Methylphenol		140	J				
621-64-7	B	N-Nitroso-di-n-propylamine	BMDL	420	U				
67-72-1	B	Hexachloroethane	BMDL	420	U				
98-95-3	B	Nitrobenzene	BMDL	420	U				
78-59-1	B	Isophorone	BMDL	420	U				
88-75-5	B	2-Nitrophenol	BMDL	420	U				
105-67-9	B	2,4-Dimethylphenol	BMDL	420	U				
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	420	U				
120-83-2	B	2,4-Dichlorophenol	BMDL	420	U				
120-82-1	B	1,2,4-Trichlorobenzene	BMDL	420	U				
91-20-3	B	Naphthalene	BMDL	420	U				
106-47-8	B	4-Chloroaniline	BMDL	420	U				
87-68-3	B	Hexachlorobutadiene	BMDL	420	U				
59-50-7	B	4-Chloro-3-methylphenol	BMDL	420	U				
91-57-6	B	2-Methylnaphthalene	BMDL	420	U				
77-47-4	B	Hexachlorocyclopentadiene	BMDL	420	U				
88-05-2	B	2,4,6-Trichlorophenol	BMDL	420	U				
95-95-4	B	2,4,5-Trichlorophenol	BMDL	1100	U				
91-58-7	B	2-Chloronaphthalene	BMDL	420	U				
86-74-4	B	2-Nitroaniline	BMDL	1100	U				
131-11-3	B	Dimethylphthalate	BMDL	420	U				
208-96-8	B	Acenaphthylene	BMDL	420	U				
606-20-2	B	2,6-Dinitrotoluene	BMDL	420	U				
99-09-2	B	3-Nitroaniline	BMDL	1100	U				
83-32-9	B	Acenaphthene	BMDL	420	U				
51-28-5	B	2,4-Dinitrophenol	BMDL	1100	U				
100-02-7	B	4-Nitrophenol	BMDL	1100	U				
132-64-9	B	Dibenzofuran	BMDL	420	U				
121-14-2	B	2,4-Dinitrotoluene	BMDL	420	U				
84-66-2	B	Diethylphthalate	BMDL	420	U				
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	420	U				
86-73-7	B	Fluorene	BMDL	420	U				
100-01-6	B	4-Nitroaniline	BMDL	1100	U				

SITE INVESTIGATION - INDIAN HEAD

		LOCATION	INDIAN HEAD			INDIAN HEAD			INDIAN HEAD		
		SAMPLE ID	42SS-15			42SS-15 DL			TB 03/14		
		PACE ID	0963.0			0063.0			0873.0		
		DATE OF ANALYSIS	03/20/92			03/23/92			03/14/92		
		MATRIX	SOIL			SOIL			WATER		
CAS. NO.	CL	UNITS	ug/kg			ug/kg			ug/l		
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	1100	U						
86-30-6	B	N-Nitrosodiphenylamine	BMDL	420	U						
101-55-3	B	4-Bromophenyl-phenylether	BMDL	420	U						
118-74-1	B	Hexachlorobenzene	BMDL	420	U						
87-86-5	B	Pentachlorophenol	BMDL	1100	U						
85-01-8	B	Phenanthrene	BMDL	420	U						
120-12-7	B	Anthracene	BMDL	420	U						
86-74-8	B	Carbazole	BMDL	420	U						
84-74-2	B	Di-n-butylphthalate	BMDL	420	U						
206-44-0	B	Fluoranthene	BMDL	420	U						
129-00-0	B	Pyrene	BMDL	420	U						
85-68-7	B	Butylbenzylphthalate	BMDL	420	U						
91-04-1	B	3,3'-Dichlorobenzidine	BMDL	420	U						
56-85-3	B	Benzo(a)anthracene	BMDL	420	U						
218-01-9	B	Chrysene	BMDL	420	U						
117-81-7	B	bis(2-Ethylhexyl)phthalate	BMDL	420	U						
117-84-0	B	Di-n-octylphthalate	BMDL	420	U						
205-99-2	B	Benzo(b)fluoranthene	BMDL	420	U						
207-08-9	B	Benzo(k)fluoranthene	BMDL	420	U						
50-32-8	B	Benzo(a)pyrene	BMDL	420	U						
193-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	420	U						
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	420	U						
191-24-2	B	Benzo(g,h,i)perylene	BMDL	420	U						
PESTICIDES											
319-84-6	P	Alpha-BHC	BMDL	2.1	U	BMDL	42	U			SAMPLE WAS ANALYZED FOR VOLATILE ONLY.
319-85-7	P	Beta-BHC	BMDL	2.1	U	BMDL	42	U			
319-86-8	P	Delta-BHC	BMDL	2.1	U	BMDL	42	U			
58-89-9	P	Gamma-BHC	BMDL	2.1	U	BMDL	42	U			
76-44-6	P	Heptachlor	BMDL	2.1	U	BMDL	42	U			
309-00-2	P	Aldrin	BMDL	2.1	U	BMDL	42	U			
1024-57-3	P	Heptachlor Epoxide	BMDL	2.1	U	BMDL	42	U			
959-98-8	P	Endosulfan I	BMDL	2.1	U	BMDL	42	U			
60-57-1	P	Dieldrin	BMDL	4.2	U	BMDL	84	U			
72-55-9	P	4,4'-DDE	BMDL	4.2	U	BMDL	84	U			
72-20-6	P	Endrin	BMDL	4.2	U	BMDL	84	U			
33213-65-9	P	Endosulfan II	BMDL	4.2	U	BMDL	84	U			
72-54-8	P	4,4'-DDD	BMDL	4.2	U	BMDL	84	U			
1031-07-8	P	Endosulfan Sulfate	BMDL	4.2	U	BMDL	84	U			
50-29-3	P	4,4'-DDT	BMDL	4.2	U	BMDL	84	U			
72-43-5	P	Methoxychlor	BMDL	21	U	BMDL	420	U			
53494-70-5	P	Endrin Ketone	BMDL	4.2	U	BMDL	84	U			
7421-36-3	P	Endrin Aldehyde	BMDL	4.2	U	BMDL	84	U			
5103-71-9	P	alpha-Chlordane	BMDL	2.1	U	BMDL	42	U			
5103-74-2	P	gamma-Chlordane	BMDL	2.1	U	BMDL	42	U			
8001-35-2	P	Toxaphene	BMDL	210	U	BMDL	4200	U			
12674-11-2	P	Arochlor-1016	BMDL	42	U	BMDL	840	U			
11104-28-2	P	Arochlor-1221	BMDL	84	U	BMDL	1700	U			
11141-16-5	P	Arochlor-1232	BMDL	42	U	BMDL	840	U			
53489-21-9	P	Arochlor-1242	BMDL	42	U	BMDL	840	U			
12672-29-6	P	Arochlor-1248	BMDL	42	U	BMDL	840	U			
11097-69-1	P	Arochlor-1254	BMDL	42	U	BMDL	840	U			
11096-82-5	P	Arochlor-1280	BMDL	42	U	BMDL	840	U			
INORGANIC UNITS											
7429-90-5	I	Aluminum	NOT ANALYZED FOR INORGANIC.			SAMPLE WAS RE-ANALYZED FOR PESTICIDES ONLY.			SAMPLE WAS ANALYZED FOR VOLATILE ONLY.		
7440-38-0	I	Antimony									
7440-38-2	I	Arsenic									
7440-39-3	I	Barium									
7440-41-7	I	Beryllium									
7440-43-0	I	Cadmium									
7440-70-2	I	Calcium									
7440-47-3	I	Chromium									
7440-48-4	I	Cobalt									
7440-50-8	I	Copper									
7439-89-6	I	Iron									
7439-92-1	I	Lead									
7439-95-4	I	Magnesium									
7439-96-5	I	Manganese									
7439-97-6	I	Mercury									
7440-02-0	I	Nickel									
7440-06-7	I	Potassium									
7782-49-2	I	Selenium									
7440-22-4	I	Silver									
7440-23-5	I	Sodium									
7440-28-0	I	Thallium									
7440-62-2	I	Vanadium									
7440-66-6	I	Zinc									
		Cyanide									

SITE INVESTIGATION - INDIAN HEAD

CAS. NO.	CL	LOCATION SAMPLE ID PAGE ID DATE OF ANALYSIS MATRIX UNITS	INDIAN HEAD TB 03/17 0911.7 03/17/92 WATER ug/l			INDIAN HEAD TB 03/23 0970.2 03/23/92 WATER ug/l			INDIAN HEAD 42SS-10 MS 0865.0 03/14/92 SOIL ug/kg		
VOLATILES											
74-87-3	V	Chloromethane	BMDL	10	U	BMDL	10	U	BMDL	12	U
74-83-9	V	Bromomethane	BMDL	10	U	BMDL	10	U	BMDL	12	U
75-01-4	V	Vinyl Chloride	BMDL	10	U	BMDL	10	U	BMDL	12	U
75-00-3	V	Chloroethane	BMDL	10	U	BMDL	10	U	BMDL	12	U
75-09-2	V	Methylene Chloride	BMDL	10	U	BMDL	10	U	BMDL	12	U
67-64-1	V	Acetone	BMDL	10	U	BMDL	10	U	BMDL	12	U
75-15-0	V	Carbon Disulfide	BMDL	10	U	BMDL	10	U	BMDL	12	U
75-35-4	V	1,1-Dichloroethene	BMDL	10	U	BMDL	10	U		43	
75-34-3	V	1,1-Dichloroethane	BMDL	10	U	BMDL	10	U	BMDL	12	U
540-59-0	V	1,2-Dichloroethene (total)	BMDL	10	U	BMDL	10	U	BMDL	12	U
67-66-3	V	Chloroform	BMDL	10	U	BMDL	10	U	BMDL	12	U
107-08-2	V	1,2-Dichloroethane	BMDL	10	U	BMDL	10	U	BMDL	12	U
78-83-3	V	2-Butanone	BMDL	10	U	BMDL	10	U	BMDL	12	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	10	U	BMDL	10	U	BMDL	12	U
56-23-5	V	Carbon Tetrachloride	BMDL	10	U	BMDL	10	U	BMDL	12	U
75-27-4	V	Bromochloromethane	BMDL	10	U	BMDL	10	U	BMDL	12	U
78-87-5	V	1,2-Dichloropropane	BMDL	10	U	BMDL	10	U	BMDL	12	U
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	10	U	BMDL	10	U	BMDL	12	U
79-01-6	V	Trichloroethene	BMDL	10	U	BMDL	10	U		54	
124-48-1	V	Dibromochloromethane	BMDL	10	U	BMDL	10	U	BMDL	12	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	10	U	BMDL	10	U	BMDL	12	U
71-43-2	V	Benzene	BMDL	10	U	BMDL	10	U		59	
10061-02-6	V	trans-1,3-Dichloropropene	BMDL	10	U	BMDL	10	U	BMDL	12	U
75-25-2	V	Bromoform	BMDL	10	U	BMDL	10	U	BMDL	12	U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	10	U	BMDL	10	U	BMDL	12	U
591-78-6	V	2-Hexanone	BMDL	10	U	BMDL	10	U	BMDL	12	U
127-18-4	V	Tetrachloroethene	BMDL	10	U	BMDL	10	U	BMDL	12	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	10	U	BMDL	10	U	BMDL	12	U
108-88-3	V	Toluene	BMDL	10	U	BMDL	10	U		61	
108-90-7	V	Chlorobenzene	BMDL	10	U	BMDL	10	U		61	
100-41-4	V	Ethylbenzene	BMDL	10	U	BMDL	10	U	BMDL	12	U
100-42-5	V	Styrene	BMDL	10	U	BMDL	10	U	BMDL	12	U
1330-20-7	V	Xylene (total)	BMDL	10	U	BMDL	10	U	BMDL	12	U
DATE OF ANALYSIS											
SEMI-VOLATILES											
108-95-2	B	Phenol	SAMPLE WAS ANALYZED FOR VOLATILE ONLY.			SAMPLE WAS ANALYZED FOR VOLATILE ONLY.			BMDL	1900	
111-44-4	B	bis(2-Chloroethyl)ether							BMDL	410	U
95-57-8	B	2-Chlorophenol				BMDL	2000				
541-73-1	B	1,3-Dichlorobenzene				BMDL	410	U			
106-46-7	B	1,4-Dichlorobenzene					1200				
95-50-1	B	1,2-Dichlorobenzene				BMDL	410	U			
95-48-7	B	2-Methylphenol				BMDL	410	U			
108-80-1	B	2,2'-oxybis(1-Chloropropane)				BMDL	410	U			
106-44-5	B	4-Methylphenol				BMDL	410	U			
621-84-7	B	N-Nitroso-di-n-propylamine					1400				
87-72-1	B	Hexachloroethane				BMDL	410	U			
98-95-3	B	Nitrobenzene				BMDL	410	U			
78-59-1	B	Isophorone				BMDL	410	U			
88-75-5	B	2-Nitrophenol				BMDL	410	U			
105-67-9	B	2,4-Dimethylphenol				BMDL	410	U			
111-91-1	B	bis(2-Chloroethoxy)methane				BMDL	410	U			
120-83-2	B	2,4-Dichlorophenol				BMDL	410	U			
120-82-1	B	1,2,4-Trichlorobenzene					1200				
91-20-3	B	Naphthalene				BMDL	410	U			
106-47-8	B	4-Chloroaniline				BMDL	410	U			
87-68-3	B	Hexachlorobutadiene				BMDL	410	U			
59-50-7	B	4-Chloro-3-methylphenol					1700				
91-57-6	B	2-Methylnaphthalene				BMDL	410	U			
77-47-4	B	Hexachlorocyclopentadiene				BMDL	410	U			
88-06-2	B	2,4,6-Trichlorophenol				BMDL	410	U			
95-95-4	B	2,4,5-Trichlorophenol				BMDL	1000	U			
91-58-7	B	2-Chloronaphthalene				BMDL	410	U			
88-74-4	B	2-Nitroaniline				BMDL	1000	U			
131-11-3	B	Dimethylphthalate				BMDL	410	U			
208-96-8	B	Acenaphthylene				BMDL	410	U			
606-20-2	B	2,6-Dinitrotoluene				BMDL	410	U			
99-09-2	B	3-Nitroaniline				BMDL	1000	U			
83-32-9	B	Acenaphthene					1200				
51-28-5	B	2,4-Dinitrophenol				BMDL	1000	U			
100-02-7	B	4-Nitrophenol					1500				
132-64-9	B	Dibenzofuran				BMDL	410	U			
121-14-2	B	2,4-Dinitrotoluene					1100				
84-66-2	B	Diethylphthalate				BMDL	410	U			
7005-72-3	B	4-Chlorophenyl-phenylether				BMDL	410	U			
86-73-7	B	Fluorene				BMDL	410	U			
100-01-6	B	4-Nitroaniline				BMDL	1000	U			

SITE INVESTIGATION - INDIAN HEAD

LOCATION		INDIAN HEAD	INDIAN HEAD	INDIAN HEAD
SAMPLE ID		TB 03/17	TB 03/23	42SS-10 MS
PAGE ID		0911.7	0970.2	0885.0
DATE OF ANALYSIS		03/17/92	03/23/92	03/14/92
MATRIX		WATER	WATER	SOIL
CAS. NO.	CL	UNITS	ug/l	ug/kg
534-52-1	B	4,6-Dinitro-2-methylphenol		BMDL 1000 U
86-30-6	B	N-Nitrosodiphenylamine		BMDL 410 U
101-55-3	B	4-Bromophenyl-phenylether		BMDL 410 U
118-74-1	B	Hexachlorobenzene		BMDL 410 U
87-66-5	B	Pentachlorophenol		2400
85-01-8	B	Phenanthrene		BMDL 410 U
120-12-7	B	Anthracene		BMDL 410 U
86-74-8	B	Carbazole		BMDL 410 U
84-74-2	B	Di-n-butylphthalate		1400
206-44-0	B	Fluoranthene		BMDL 410 U
129-00-0	B	Pyrene		1300
85-68-7	B	Butylbenzylphthalate		BMDL 410 U
91-94-1	B	3,3'-Dichlorobenzidine		BMDL 410 U
56-85-3	B	Benzo(a)anthracene		BMDL 410 U
218-01-9	B	Chrysene		BMDL 410 U
117-81-7	B	bis(2-Ethylhexyl)phthalate		9100 EB
117-84-0	B	Di-n-octylphthalate		BMDL 410 U
205-99-2	B	Benzo(b)fluoranthene		BMDL 410 U
207-08-9	B	Benzo(k)fluoranthene		BMDL 410 U
50-32-8	B	Benzo(a)pyrene		BMDL 410 U
193-39-5	B	Indeno(1,2,3-cd)pyrene		BMDL 410 U
53-70-3	B	Dibenzo(a,h)anthracene		BMDL 410 U
191-24-2	B	Benzo(g,h,i)perylene		BMDL 410 U
PESTICIDES				
319-84-6	P	Alpha-BHC	SAMPLE WAS ANALYZED FOR VOLATILE ONLY.	BMDL 2.1 U
319-85-7	P	Beta-BHC	SAMPLE WAS ANALYZED FOR VOLATILE ONLY.	BMDL 2.1 U
319-86-8	P	Delta-BHC		BMDL 2.1 U
56-89-9	P	Gamma-BHC		31
76-44-8	P	Heptachlor		24
309-00-2	P	Aldrin		28
1024-57-3	P	Heptachlor Epoxide		BMDL 2.1 U
959-98-8	P	Endosulfan I		BMDL 2.1 U
60-57-1	P	Dieldrin		48
72-55-9	P	4,4'-DDE		BMDL 4.1 U
72-20-8	P	Endrin		57
33213-65-9	P	Endosulfan II		BMDL 4.1 U
72-54-8	P	4,4'-DDD		BMDL 4.1 U
1031-07-8	P	Endosulfan Sulfate		BMDL 4.1 U
50-29-3	P	4,4'-DDT		57
72-43-5	P	Methoxychlor		BMDL 21 U
53494-70-5	P	Endrin Ketone		BMDL 4.1 U
7421-36-3	P	Endrin Aldehyde		BMDL 4.1 U
5103-71-9	P	alpha-Chlordane		BMDL 2.1 U
5103-74-2	P	gamma-Chlordane		BMDL 2.1 U
8001-35-2	P	Toxaphene		BMDL 210 U
12674-11-2	P	Arochlor-1016		BMDL 41 U
11104-26-2	P	Arochlor-1221		BMDL 82 U
11141-16-5	P	Arochlor-1232		BMDL 41 U
53489-21-9	P	Arochlor-1242		BMDL 41 U
12672-29-6	P	Arochlor-1248		BMDL 41 U
11097-69-1	P	Arochlor-1254		BMDL 41 U
11096-82-5	P	Arochlor-1260		BMDL 41 U
INORGANIC UNITS				
7429-90-5	I	Aluminum	SAMPLE WAS ANALYZED FOR VOLATILE ONLY.	NOT ANALYZED FOR INORGANIC.
7440-38-0	I	Antimony	SAMPLE WAS ANALYZED FOR VOLATILE ONLY.	
7440-38-2	I	Arsenic		
7440-39-3	I	Barium		
7440-41-7	I	Beryllium		
7440-43-9	I	Cadmium		
7440-70-2	I	Calcium		
7440-47-3	I	Chromium		
7440-48-4	I	Cobalt		
7440-50-8	I	Copper		
7439-89-6	I	Iron		
7439-92-1	I	Lead		
7439-95-4	I	Magnesium		
7439-96-5	I	Manganese		
7439-97-6	I	Mercury		
7440-02-0	I	Nickel		
7440-09-7	I	Potassium		
7782-49-2	I	Selenium		
7440-22-4	I	Silver		
7440-23-5	I	Sodium		
7440-28-0	I	Thallium		
7440-62-2	I	Vanadium		
7440-66-6	I	Zinc		
		Cyanide		

SITE INVESTIGATION - INDIAN HEAD

		LOCATION	INDIAN HEAD		
		SAMPLE ID	42SS-10 MSD		
		PAGE ID	0868.B		
		DATE OF ANALYSIS	03/14/92		
		MATRIX	SOIL		
CAS. NO.	CL	VOLATILES	UNITS	ug/kg	
74-87-3	V	Chloromethane	BMDL	12	U
74-83-9	V	Bromomethane	BMDL	12	U
75-01-4	V	Vinyl Chloride	BMDL	12	U
75-00-3	V	Chloroethane	BMDL	12	U
75-09-2	V	Methylene Chloride		2	J
67-64-1	V	Acetone	BMDL	12	U
75-15-0	V	Carbon Disulfide	BMDL	12	U
75-35-4	V	1,1-Dichloroethane		43	
75-34-3	V	1,1-Dichloroethane	BMDL	12	U
540-59-0	V	1,2-Dichloroethane (total)	BMDL	12	U
67-66-3	V	Chloroform	BMDL	12	U
107-06-2	V	1,2-Dichloroethane	BMDL	12	U
78-83-3	V	2-Butanone	BMDL	12	U
71-55-6	V	1,1,1-Trichloroethane	BMDL	12	U
56-23-5	V	Carbon Tetrachloride	BMDL	12	U
75-27-4	V	Bromodichloromethane	BMDL	12	U
78-87-5	V	1,2-Dichloropropane	BMDL	12	U
10061-01-5	V	cis-1,3-Dichloropropene	BMDL	12	U
79-01-6	V	Trichloroethene		55	
124-48-1	V	Dibromochloromethane	BMDL	12	U
79-00-5	V	1,1,2-Trichloroethane	BMDL	12	U
71-43-2	V	Benzene		57	
10061-02-6	V	trans-1,3-Dichloropropene	BMDL	12	U
75-25-2	V	Bromoform	BMDL	12	U
108-10-1	V	4-Methyl-2-Pentanone	BMDL	12	U
591-78-6	V	2-Hexanone	BMDL	12	U
127-18-4	V	Tetrachloroethene	BMDL	12	U
79-34-5	V	1,1,2,2-Tetrachloroethane	BMDL	12	U
108-88-3	V	Toluene		60	
108-90-7	V	Chlorobenzene		59	
100-41-4	V	Ethylbenzene	BMDL	12	U
100-42-5	V	Styrene	BMDL	12	U
1330-20-7	V	Xylene (total)	BMDL	12	U
DATE OF ANALYSIS					
SEMI-VOLATILES					
108-95-2	B	Phenol		2300	
111-44-4	B	bis(2-Chloroethyl)ether	BMDL	410	U
95-57-8	B	2-Chlorophenol		2200	
541-73-1	B	1,3-Dichlorobenzene	BMDL	410	U
106-46-7	B	1,4-Dichlorobenzene		1500	
95-50-1	B	1,2-Dichlorobenzene	BMDL	410	U
95-48-7	B	2-Methylphenol	BMDL	410	U
108-60-1	B	2,2'-oxybis(1-Chloropropane)	BMDL	410	U
106-44-5	B	4-Methylphenol	BMDL	410	U
621-64-7	B	N-Nitroso-di-n-propylamine		1600	
67-72-1	B	Hexachloroethane	BMDL	410	U
98-95-3	B	Nitrobenzene	BMDL	410	U
78-59-1	B	Isophorone	BMDL	410	U
88-75-5	B	2-Nitrophenol	BMDL	410	U
105-67-9	B	2,4-Dimethylphenol	BMDL	410	U
111-91-1	B	bis(2-Chloroethoxy)methane	BMDL	410	U
120-83-2	B	2,4-Dichlorophenol	BMDL	410	U
120-82-1	B	1,2,4-Trichlorobenzene		1200	
91-20-3	B	Naphthalene	BMDL	410	U
106-47-8	B	4-Chloroaniline	BMDL	410	U
87-68-3	B	Hexachlorobutadiene	BMDL	410	U
59-50-7	B	4-Chloro-3-methylphenol		1900	
91-57-6	B	2-Methylnaphthalene	BMDL	410	U
77-47-4	B	Hexachlorocyclopentadiene	BMDL	410	U
88-06-2	B	2,4,6-Trichlorophenol	BMDL	410	U
95-95-4	B	2,4,5-Trichlorophenol	BMDL	1000	U
91-58-7	B	2-Chloronaphthalene	BMDL	410	U
88-74-4	B	2-Nitroaniline	BMDL	1000	U
131-11-3	B	Dimethylphthalate	BMDL	410	U
208-96-8	B	Acenaphthylene	BMDL	410	U
606-20-2	B	2,6-Dinitrotoluene	BMDL	410	U
99-09-2	B	3-Nitroaniline	BMDL	1000	U
83-32-9	B	Acenaphthene		1300	
51-28-5	B	2,4-Dinitrophenol	BMDL	1000	U
100-02-7	B	4-Nitrophenol		2500	
132-64-9	B	Dibenzofuran	BMDL	410	U
121-14-2	B	2,4-Dinitrotoluene		1400	
84-66-2	B	Diethylphthalate	BMDL	410	U
7005-72-3	B	4-Chlorophenyl-phenylether	BMDL	410	U
86-73-7	B	Fluorene	BMDL	410	U
100-01-6	B	4-Nitroaniline	BMDL	1000	U

SITE INVESTIGATION - INDIAN HEAD

		LOCATION	INDIAN HEAD		
		SAMPLE ID	42SS-10 MSD		
		PAGE ID	0866.8		
		DATE OF ANALYSIS	03/14/92		
		MATRIX	SOIL		
CAS. NO.	CL	UNITS	ug/kg		
534-52-1	B	4,6-Dinitro-2-methylphenol	BMDL	1000	U
86-30-6	B	N-Nitrosodiphenylamine	BMDL	410	U
101-55-3	B	4-Bromophenyl-phenylether	BMDL	410	U
118-74-1	B	Hexachlorobenzene	BMDL	410	U
87-86-5	B	Pentachlorophenol		2900	
85-01-8	B	Phenanthrene	BMDL	410	U
120-12-7	B	Anthracene	BMDL	410	U
86-74-8	B	Carbazole	BMDL	410	U
84-74-2	B	Di-n-butylphthalate		1600	
206-44-0	B	Fluoranthene	BMDL	410	U
129-00-0	B	Pyrene		1300	
85-68-7	B	Butylbenzylphthalate	BMDL	410	U
91-94-1	B	3,8'-Dichlorobenzidine	BMDL	410	U
56-55-3	B	Benzo(a)anthracene	BMDL	410	U
218-01-9	B	Chrysene	BMDL	410	U
117-81-7	B	bis(2-Ethylhexyl)phthalate		5600	B
117-84-0	B	Di-n-octylphthalate	BMDL	410	U
205-99-2	B	Benzo(b)fluoranthene	BMDL	410	U
207-08-9	B	Benzo(k)fluoranthene	BMDL	410	U
50-32-8	B	Benzo(a)pyrene	BMDL	410	U
193-39-5	B	Indeno(1,2,3-cd)pyrene	BMDL	410	U
53-70-3	B	Dibenzo(a,h)anthracene	BMDL	410	U
191-24-2	B	Benzo(g,h,i)perylene	BMDL	410	U
PESTICIDES					
319-84-6	P	Alpha-BHC	BMDL	2.1	U
319-85-7	P	Beta-BHC	BMDL	2.1	U
319-86-8	P	Delta-BHC	BMDL	2.1	U
58-69-9	P	Gamma-BHC		27	
76-44-8	P	Heptachlor		24	
309-00-2	P	Aldrin		27	
1024-57-3	P	Heptachlor Epoxide	BMDL	2.1	U
959-98-8	P	Endosulfan I	BMDL	2.1	U
60-57-1	P	Dieldrin		48	
72-55-9	P	4,4'-DDE	BMDL	4.1	U
72-20-8	P	Endrin		56	
33213-65-9	P	Endosulfan II	BMDL	4.1	U
72-54-8	P	4,4'-DDD	BMDL	4.1	U
1031-07-8	P	Endosulfan Sulfate	BMDL	4.1	U
50-29-3	P	4,4'-DDT		55	
72-43-5	P	Methoxychlor	BMDL	21	U
53494-70-5	P	Endrin Ketone	BMDL	4.1	U
7421-36-3	P	Endrin Aldehyde	BMDL	4.1	U
5103-71-9	P	alpha-Chlordane	BMDL	2.1	U
5103-74-2	P	gamma-Chlordane	BMDL	2.1	U
8001-35-2	P	Toxaphene	BMDL	210	U
12674-11-2	P	Arochlor-1016	BMDL	41	U
11104-26-2	P	Arochlor-1221	BMDL	82	U
11141-16-5	P	Arochlor-1232	BMDL	41	U
53489-21-9	P	Arochlor-1242	BMDL	41	U
12672-29-6	P	Arochlor-1248	BMDL	41	U
11097-69-1	P	Arochlor-1254	BMDL	41	U
11096-82-5	P	Arochlor-1260	BMDL	41	U
INORGANIC UNITS					
7429-90-5	I	Aluminum	NOT ANALYZED FOR INORGANIC.		
7440-36-0	I	Antimony			
7440-38-2	I	Arsenic			
7440-39-3	I	Barium			
7440-41-7	I	Beryllium			
7440-43-9	I	Cadmium			
7440-70-2	I	Calcium			
7440-47-3	I	Chromium			
7440-48-4	I	Cobalt			
7440-50-8	I	Copper			
7439-89-6	I	Iron			
7439-92-1	I	Lead			
7439-95-4	I	Magnesium			
7439-96-5	I	Manganese			
7439-97-6	I	Mercury			
7440-02-0	I	Nickel			
7440-09-7	I	Potassium			
7782-49-2	I	Selenium			
7440-22-4	I	Silver			
7440-23-5	I	Sodium			
7440-28-0	I	Thallium			
7440-62-2	I	Vanadium			
7440-66-6	I	Zinc			
	I	Cyanide			

APPENDIX E

DATA VALIDATION REPORT

ORGANIC QUALIFIERS

- U — This flag identifies compounds that were analyzed but not detected.
- J — This flag indicates an estimated value. It is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- N — This flag indicates presumptive evidence of a compound. It is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results.
- P — This flag is used for pesticide/Arochlor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on 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 is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probably blank contamination and warns the data user to take appropriate action. The flag is used for a TIC as well as for a positively identified target compound.
- E — This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis. If one or more compounds have a response greater than full scale, then the sample or extract will be diluted and reanalyzed. All such compounds with a response greater than full scale will have the concentration flagged with an "E" on the Form I for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration range in the second analysis, the results of both analyses will be reported on separate Form I's. The Form I for the diluted sample will have the "DL" or "REDL" suffix appended to the sample number.
- D — This flag identifies all compounds in an analysis at a secondary dilution factor. If a sample or extract is reanalyzed at a higher dilution factor, the "DL" or "REDL" suffix is appended to the sample number on the Form I for the diluted sample, and all concentration values reported on the Form I are flagged with a "D".
- A — This flag indicates that a TIC is a suspected aldol-condensation product.
- X — This flag indicates a laboratory-defined flag which will be fully described in the SDG Narrative and attached to the Sample Data Summary Package.

INORGANIC QUALIFIERS

C (Concentration) Qualifiers

- U — The analyte was analyzed for but not detected at or above the IDL.
- B — The reported value is less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

Q Qualifiers

- E — The reported value is estimated because of the presence of interference.
- M — Duplicate injection precision not met.
- N — Pre-digestion spike recovery not within control limits.
- S — The reported value was determined by the Method of Standard Additions (MSA).
- W — Post-digestion spike is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.
- * — Pre-digestion duplicate analysis not within control limits.
- + — Correlation coefficient for the MSA is less than 0.995.

M (Method) Qualifiers

- P — ICP analysis
- F — Graphite Furnance AA analysis
- CV — Manual Cold Vapor AA analysis
- AS — Semi-Automated Spectrophotometric (Technicon)



March 31, 1992

CASE NARRATIVE PREPARED FOR: ENSAFE

PROJECT NAME: 820316.501

VOLATILE SAMPLE ANALYSIS

00018

This group of samples was received at Pace Incorporated on March 14, 17, and 23, 1992.

PACE PROCEDURES

All files beginning with either >F or 7001F were run on GC/MS F. All files beginning with either >J or 7002J were run on GC/MS J.

SYSTEM MONITORING COMPOUND RECOVERIES AND INTERNAL STANDARDS

There are no system monitoring compound recoveries and no internal standards outside of quality control limits.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RECOVERIES

Sample 42SS10 was designated as the low level soil Q.C. (i.e. matrix spike and matrix spike duplicate). There are no spike recoveries or RPD's outside of Q.C. specification. Matrix spikes and matrix spike duplicates are being analyzed every twenty (20) samples in accordance with EPA SOW OLM01.8 (or MS/MSD analyzed as designated on the client chain of custody).

ANALYTICAL PROBLEMS AND SOLUTIONS

Some Tentatively Identified Compounds may show less than three "hits" or possibly zero "hits" for the result of the library search. This is due to the algorithm of the Hewlett Packard system we are using. Only data base entries on a probability of greater than one percent (1%) will be reported.

PRESENCE OF ACETONE

Acetone present in field samples is often a residual from equipment cleaning processes in the field. Therefore, acetone concentrations in field blanks should be carefully reviewed.

Contamination by common laboratory solvents and chemicals is permitted to a certain level in the laboratory (method) blanks. These chemicals and solvents are listed in the table below paired with their associated fraction and allowable limit.

Page 2

CASE NARRATIVE PREPARED FOR: ENSAFE

CHEMICAL	FRACTION (Matrix)	ALLOWABLE LIMITS
		ug/Kg or ug/L
-----	-----	00019
Methylene Chloride	VOA (Water or Low Soil)	50.0
Acetone	VOA (Water or Low Soil)	50.0
2-Butanone	VOA (Water or Low Soil)	50.0
Methylene Chloride	VOA (Medium Soil)	6000.0
Acetone	VOA (Medium Soil)	6000.0
2-Butanone	VOA (Medium Soil)	6000.0

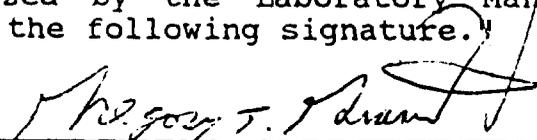
There are six (6) method blanks in this case and they all meet the criteria listed above.

SAMPLE CONDITION

All samples arrived in good condition.

If there are any further questions pertaining to this data package, please refer to Pace Project No. 820316.501.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package ... has been authorized by the Laboratory Manager or his designee as verified by the following signature."

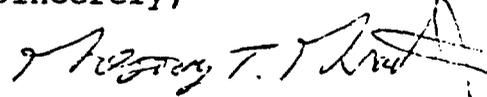


 Gregory T. Grandits, Organics Manager

4/2/92

 Date

Sincerely,


 Gregory T. Grandits
 Organic Manager

April 10, 1992

CASE NARRATIVE PREPARED FOR: ENSAFE

PACE PROJECT NO: 820316.501

SEMI-VOLATILE SAMPLE ANALYSIS

This group of samples was received at Pace Incorporated on March 14, 17, and 23, 1992. Samples for this delivery group were extracted using 3/90 SOW methodologies and were inadvertently analyzed under 2/88 CLP SOW criteria. This result should not adversely effect the data. All 3/90 analysis criteria were met for this sample delivery group.

PACE PROCEDURES

All files beginning with either >D or 7001D were run on GC/MS D.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RECOVERIES

Sample 42SS10 was chosen for soil QC. (i.e. matrix spike and matrix spike duplicate). Matrix spikes and matrix spike duplicates are being analyzed every twenty (20) samples in accordance with EPA SOW OLM01.8 (MS/MSD analyzed as designated on the client chain of custody).

SURROGATE RECOVERIES AND INTERNAL STANDARDS

There are two surrogates and no internal standards outside of Q.C. limits for the Semi-Volatile fraction.

ANALYTICAL PROBLEMS AND SOLUTIONS

The initial calibration on 03/25/92 had one (1) compound (Hexachloroethane) outside the 20.5 RSD % criteria. It is acceptable to have four compounds outside criteria as long as they are less than 40%.

The initial calibration on 04/01/92 had one (1) compound (Naphthalene) outside the 20.5 RSD % criteria. It is acceptable to have four compounds outside criteria as long as they are less than 40%.

Continuing calibration on 03/29/92 had one (1) compound (Pyrene) outside the 25 %D criteria. It is acceptable to four compounds outside the criteria as long as they are less than 40%.

Page 2

Case Narrative Prepared for : ENSAFE

Continuing calibration on 03/30/92 had three (3) compounds (4-Methylphenol, Isophorone, 2,6-Dinitrotoluene) outside the 25 %D criteria. It is acceptable to have four (4) compounds outside the criteria as long as they are less than 40 %.

Continuing calibration on 4/3/92 had four (4) compounds (2,6-Dinitrotoluene, Pyrene, Terphenyl-d14, and Indeno(1,2,3-cd)pyrene). It is acceptable to have four compounds outside criteria as long as they are less than 40%.

00019

Samples 420312FB, 420312RB, 420315RB and the blank associated with these samples were inadvertently spiked with matrix spike compounds. One surrogate was slightly outside quality control limits for the samples and the blank. The samples were re-extracted. All results are included in this report.

SBLK2 contained bis(2-Ethylhexyl)phthalate which exceeded five (5) times the CRDL requirement for this sample delivery group. Phthalates are common laboratory contaminates. All analytical results for this compound should be rejected or estimated.

Some Tentatively Identified Compounds may show less than three "hits" or possibly zero "hits" for the results of the library search. This is due to the algorithm of the Hewlett Packard system we are using. Only data base entries on a probability of greater than one percent (1%) will be reported.

Contamination by phthalate esters (Dimethylphthalate, Diethylphthalate, Di-n-butylphthalate, Butylbenzylphthalate, bis(2-Ethylhexyl)phthalate and Di-n-octylphthalate) is permitted to a certain level in the laboratory (method) blanks. The allowable limits are listed in the table below paired with their fraction and matrix.

CHEMICAL	FRACTION (Matrix)	ALLOWABLE LIMITS ug/Kg or ug/L
Phthalate Esters	BNA (Water)	50.0
Phthalate Esters	BNA (Low Soil)	1650.0
Phthalate Esters	BNA (Medium Soil)	50000.0

with their fraction, matrix and allowable limit.

There are five (5) method blanks and one (1) blank spike in this case and all meet the criteria listed above.

Page 3

CASE NARRATIVE PREPARED FOR: ENSAFE

SAMPLE CONDITION

All samples arrived in good condition.

00020

If there are any further questions pertaining to this data package, please refer to Pace Project #820316.501.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package ... has been authorized by the Laboratory Manager or his designee as verified by the following signature.

Greg Grandits / 4/10/93

Gregory T. Grandits, Organic Manager

Sincerely,

Greg Grandits
Gregory T. Grandits
Organic Manager



April 13, 1992

CASE NARRATIVE PREPARED for: ENSAFE

PACE PROJECT NO: 820316.501

PESTICIDE/PCB PROCEDURE

Pace uses a Dual-Wide Bore GC-ECD procedure involving the simultaneous injection of samples and/or standards onto two (2) columns using a flow splitter. The total micro liter volume injected is 1.0.

The raw data printout may show a number that is labelled "Dilution". This is actually a factor used for calculation of the estimated concentration (solution concentration, original concentration) reported on the printouts. These values are for internal use only and should not be confused or equated with the sample dilution factor or concentration listed on the Form I's. Only the Peak Names, Retention Times and Area's on the raw data are of significance to the client.

PEAK INTEGRATION

Valley to valley peak integration is used to determine peak areas.

PEAK CONFIRMATION

Compounds are considered "Positive Hits" only if they meet the following Criteria: Presence on both the DB-608 and DB-5 columns.

PESTICIDE/PCB ANALYSIS

This group of samples was received at Pace Incorporated on March 14, March 17 and March 23, 1992. It consisted of seventeen (17) soil samples and three (3) water samples for Pesticide/PCB analysis.

Beta-BHC for the pesticide performance evaluation standard (PEM) analyzed on 04/02/92 at 16:49 on the DB-608 column has a %D of 30.0%. The allowable %D for this compound is 25.0%. The DB-5 column meets all requirements for this compound. No positive hits for beta-BHC were detected in any of the samples associated with this pesticide evaluation mix. Likewise, 4,4'-DDT gave a %D of 30.0% for the PEM standard analyzed on 04/03/92 at 16:39 on the DB-608 column. The %D for 4,4'-DDT on the DB-5 column was within the required limits. All samples associated with this performance evaluation standard were quantitated from the DB-5 column. It is in the opinion of this laboratory that this will not adversely effect the integrity of the data.

April 9, 1992

CASE NARRATIVE PREPARED FOR: ENSAFE - INDIAN HEAD 00001

PACE PROJECT NO.(s): 820316.501

INORGANIC ANALYSIS

The following package contains data relating to samples received at PACE, Inc. on March 17, 1992. They were assigned to project number 820316.501 and to Sample Delivery Group (SDG) number 820316. The SDG consists of 3 soil samples and one rinse blank. All samples were analyzed following EPA CLP SOW for Inorganic Analysis 3/90.

SPIKE/DUPLICATE

Sample 42SS13D (PACE ID 910.9, 933.8, and 934.6) was used for the spike/duplicate analysis. Antimony, thallium and cyanide were outside the predigestion spike control limits with recoveries of 30.1, 70.0 and 65.6%, respectively. Post digestion spikes were performed for antimony and cyanide. The results are reported on form 5b. Results are flagged with N. All duplicate results were within the control limits.

GENERAL

The lead analytical spikes for sample 42SS13 and 42SS13D were outside the control limits, with the sample concentration greater than 50% of the spike concentration. The samples had to be diluted by 2x for the required Method of Standard Additions (MSA) spikes to be within the calibration range. With the required dilution, the analytical spikes were within the control limits. It appears any matrix interference was diluted out of the sample.

A serial dilution was performed. Calcium and zinc were outside the control limits. Results are flagged with E. This indicates a possible chemical or physical interference.

An ICV was distilled with the samples for cyanide analysis. The ICV is used as the LCS.

April 9, 1992

Page 2

The ICP data was transferred to the CLP software via computer disc. ⁰⁰⁰⁰²
The data is saved to the disc with the results reported to more decimal places than is on the print out. The results are reported rounded to four decimal places or four significant figures on the hard copy raw data. This may cause a slight difference in the reporting. Example: The aluminum ICV value on the raw data print out is 971.9 mg/l, the aluminum ICV value on form 2 is 971.86 ug/l. This reporting difference does not adversely effect the data.

BLANKS

The preparation blanks showed no levels over the Contract Required Detection Limit (CRDL). The rinse blank contained zinc over the CRDL with a concentration of 110 ug/l.

ANALYTICAL PROBLEMS AND SOLUTIONS

There was insufficient sample volume for the rinse blank mercury analysis. 50 mls of sample was used instead of 100 mls. The volume change was accounted for so that no dilution was introduced.

If you have any questions concerning this sample package, please feel free to call.

Sincerely,

Sharon K. Brakeman

Sharon K. Brakeman
Inorganic Manager

March 25, 1992

CASE NARRATIVE PREPARED FOR: ENSAFE

PACE PROJECT NO: 820316.500

VOLATILE SAMPLE ANALYSIS

00016

This group of samples was received at Pace Incorporated on March 14, 1992. It consisted of nineteen (19) soils and one (1) rinse blank for Volatile analysis.

PACE PROCEDURES

All files beginning with either >F or 7001F were run on GC/MS F and all files beginning with either >J or 7002J were run on GC/MS J.

MATRIX SPIKE RECOVERIES

Sample 42B17-2 was chosen for low level soil Q.C. (i.e. matrix spike and matrix spike duplicate). No spike recoveries or RPD's are outside quality control limits for the Volatile fraction. Matrix spikes and matrix spike duplicates are being analyzed every twenty (20) samples in accordance with EPA SOW OLM01.8 (MS/MSD analyzed as designated on the client chain of custody).

SURROGATE RECOVERIES AND INTERNAL STANDARDS

There are two (2) surrogates and no internal standards outside of Q.C. limits for the Volatile fraction.

Sample 42B21-2 was analyzed twice. In both analysis the surrogate Bromofluorobenzene exceeded specified limits, varifying confirmation. Both analysis are included in this data package.

ANALYTICAL PROBLEMS AND SOLUTIONS

Some Tentatively Identified Compounds may show less than three "hits" or possibly zero "hits" for the results of the library search. This is due to the algorithm of the Hewlett Packard system we are using. Only data base entries on a probability of greater than one percent (1%) will be reported.

Sample 42B19-4 exceeded the calibration range for Trichloroethene and was re-analyzed at two (2) grams.

PRESENCE OF ACETONE

Acetone present in field samples is often a residual from equipment cleaning processes in the field. Therefore, acetone concentrations in field blanks should be carefully reviewed.

Page 2

Case Narrative Prepared for : ENSAFE

00017

Contamination by common laboratory solvents and chemicals is permitted to a certain level in the laboratory (method) blanks. These chemicals and solvents are listed in the table below paired with their fraction, matrix and allowable limit.

CHEMICAL	FRACTION (Matrix)	ALLOWABLE LIMITS ug/Kg or ug/L
Methylene Chloride	VOA (Water or Low Soil)	50.0
Acetone	VOA (Water or Low Soil)	50.0
2-Butanone	VOA (Water or Low Soil)	50.0
Methylene Chloride	VOA (Medium Soil)	6000.0
Acetone	VOA (Medium Soil)	6000.0
2-Butanone	VOA (Medium Soil)	6000.0

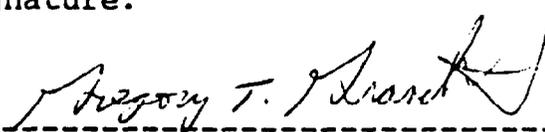
There are four (4) method blanks and three (3) blank matrix spikes in this case and both meet the criteria listed above.

SAMPLE CONDITION

All samples arrived in good condition.

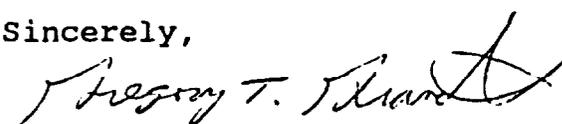
If there are any further questions pertaining to this data package, please refer to Pace Project #820316.500.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package ... has been authorized by the Laboratory Manager or his designee as verified by the following signature.



 Gregory T. Grandits, Organic Manager

Sincerely,


 Gregory T. Grandits
 Organic Manager

April 6, 1992

CASE NARRATIVE PREPARED FOR: ENSAFE

PACE PROJECT NO: 820316.500

SEMI-VOLATILE SAMPLE ANALYSIS

This group of samples was received at Pace Incorporated on March 14, 1992. Samples for this delivery group were extracted using 3/90 SOW methodologies and were inadvertently analyzed under 2/88 CLP SOW criteria. This result should not adversely effect the data. All 3/90 analysis criteria were met for this sample delivery group.

PACE PROCEDURES

All files beginning with either >D or 7001D were run on GC/MS D.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RECOVERIES

Sample 42B17-2 was chosen for soil QC. (i.e. matrix spike and matrix spike duplicate). Matrix spikes and matrix spike duplicates are being analyzed every twenty (20) samples in accordance with EPA SOW OLM01.8 (MS/MSD analyzed as designated on the client chain of custody).

SURROGATE RECOVERIES AND INTERNAL STANDARDS

There are no surrogates or internal standards outside of Q.C. limits for the Semi-Volatile fraction.

ANALYTICAL PROBLEMS AND SOLUTIONS

Some Tentatively Identified Compounds may show less than three "hits" or possibly zero "hits" for the results of the library search. This is due to the algorithm of the Hewlett Packard system we are using. Only data base entries on a probability of greater than one percent (1%) will be reported.

The initial calibration on 03/25/92 had one (1) compound (Hexachloroethane) outside the 20.5 RSD % criteria. It is acceptable to have four compounds outside criteria as long as they are less than 40%.

Continuing calibration on 03/26/92 had one (1) compound (2,6-Dinitrotoluene) outside the 25 %D criteria. It is acceptable to four compounds outside the criteria as long as they are less than 40%.

Page 2

Case Narrative Prepared for : ENSAFE

Continuing calibration on 03/30/92 had three (3) compounds (4-Methylphenol, Isophorone, 2,6-Dinitrotoluene) outside the 25 %D criteria. It is acceptable to have four (4) compounds outside the criteria as long as they are less than 40 %.

Sample 429310RB and the blank associated with this sample were inadvertently spiked with matrix spike compounds.

SBLK2 contained bis(2-Ethylhexyl)phthalate which exceeded five (5) times the CRDL requirement for this sample delivery group. Phthalates are common laboratory contaminants. All analytical results for this compound should be rejected or estimated.

Contamination by phthalate esters (Dimethylphthalate, Diethylphthalate, Di-n-butylphthalate, Butylbenzylphthalate, bis(2-Ethylhexyl)phthalate and Di-n-octylphthalate) is permitted to a certain level in the laboratory (method) blanks. The allowable limits are listed in the table below paired with their fraction and matrix.

CHEMICAL	FRACTION (Matrix)	ALLOWABLE LIMITS ug/Kg or ug/L
Phthalate Esters	BNA (Water)	50.0
Phthalate Esters	BNA (Low Soil)	1650.0
Phthalate Esters	BNA (Medium Soil)	50000.0

with their fraction, matrix and allowable limit.

There are two (2) method blanks and one (1) blank spike in this case and all meet the criteria listed above.

Page 3

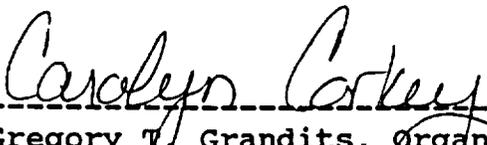
CASE NARRATIVE PREPARED FOR: ENSAFE

SAMPLE CONDITION

All samples arrived in good condition.

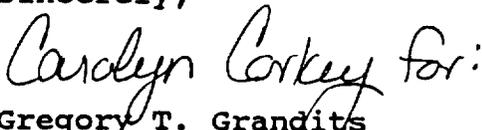
If there are any further questions pertaining to this data package, please refer to Pace Project #820316.500.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package ... has been authorized by the Laboratory Manager or his designee as verified by the following signature.



Gregory T. Grandits, Organic Manager

Sincerely,

 for:
Gregory T. Grandits
Organic Manager

April 13, 1992

CASE NARRATIVE PREPARED for: ENSAFE

PACE PROJECT NO: 820316.500

00016

PESTICIDE/PCB PROCEDURE

Pace uses a Dual-Wide Bore GC-ECD procedure involving the simultaneous injection of samples and/or standards onto two (2) columns using a flow splitter. The total micro liter volume injected is 1.0.

The raw data printout may show a number that is labelled "Dilution". This is actually a factor used for calculation of the estimated concentration (solution concentration, original concentration) reported on the printouts. These values are for internal use only and should not be confused or equated with the sample dilution factor or concentration listed on the Form I's. Only the Peak Names, Retention Times and Area's on the raw data are of significance to the client.

PEAK INTEGRATION

Valley to valley peak integration is used to determine peak areas.

PEAK CONFIRMATION

Compounds are considered "Positive Hits" only if they meet the following Criteria: Presence on both the DB-608 and DB-5 columns.

PESTICIDE/PCB ANALYSIS

This group of samples was received at Pace Incorporated on March 14, 1992. It consisted of nineteen (19) soil samples and one (1) water sample for Pesticide/PCB analysis.

Beta-BHC for the pesticide performance evaluation standard (PEM) analyzed on 04/02/92 at 16:49 on the DB-608 column has a %D of 30.0%. The allowable %D for this compound is 25.0%. The DB-5 column meets all requirements for this compound. No positive hits for beta-BHC were detected in any of the samples associated with this pesticide evaluation mix. Likewise, 4,4'-DDT gave a %D of 30.0% for the PEM standard analyzed on 04/03/92 at 16:39 on the DB-608 column. The %D for 4,4'-DDT on the DB-5 column was within the required limits. All samples associated with this performance evaluation standard were quantitated from the DB-5 column. It is in the opinion of this laboratory that this will not adversely effect the integrity of the data.

April 13, 1992

Page 2

SURROGATE RECOVERIES

00017

There are three (3) soil and no water surrogate recoveries on both columns outside of Q.C. limits. Please note that Tetrachloro-m-xylene and Decachlorobiphenyl recoveries are advisory only.

Sample 42 B17-2 did not recovery on either column for Tetrachloro-m-xylene due to matrix interferences.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RECOVERIES

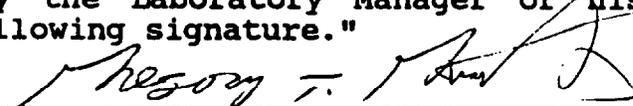
Sample 42 B17-2 was chosen for the low level soil Q.C. (i.e. matrix spike and matrix spike duplicate). There are six (6) spike recoveries and no RPD's outside of Q.C. limits. Matrix spikes and matrix spike duplicates are being analyzed every twenty (20) samples in accordance with the EPA SOW OLM01.8 (MS/MSD analyzed as designated on the client chain of custody). Please note that spike recovery limits are advisory only.

SAMPLE CONDITION

All samples arrived in good condition.

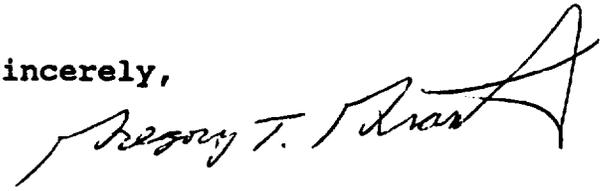
If you have any questions or comments pertaining to this data package, please refer to Pace Project # 820316.500.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package ... has been authorized by the Laboratory Manager or his designee as verified by the following signature."



Gregory T. Grandits, Organic Manager Date

Sincerely,


Gregory T. Grandits
Organic Manager

April 7, 1992

CASE NARRATIVE PREPARED FOR: ENSAFE

PROJECT NAME: 820317.502

00018

VOLATILE SAMPLE ANALYSIS

This group of samples was received at Pace Incorporated on March 17, and March 23, 1992.

PACE PROCEDURES

All files beginning with either >F or 7001F were run on GC/MS F.

SYSTEM MONITORING COMPOUND RECOVERIES AND INTERNAL STANDARDS

There are no system monitoring compound recoveries and no internal standards outside of quality control limits.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RECOVERIES

Sample 42MW1 was designated as the water Q.C. (i.e. matrix spike and matrix spike duplicate). There are no spike recoveries or RPD's outside of Q.C. specification. Matrix spikes and matrix spike duplicates are being analyzed every twenty (20) samples in accordance with EPA SOW OLM01.8 (or MS/MSD analyzed as designated on the client chain of custody).

ANALYTICAL PROBLEMS AND SOLUTIONS

Sample 42MW4 was reanalyzed at a 1:25 dilution to bring Trichloroethene within the linear calibration range of the instrument.

The continuing calibration on 3/25/92 (file F1660) did not meet maximum percent difference criteria for Carbon Tetrachloride (31.9%). However, up to two compounds may fail to meet the maximum percent difference criteria provided it is less than 40%.

Some Tentatively Identified Compounds may show less than three "hits" or possibly zero "hits" for the result of the library search. This is due to the algorithm of the Hewlett Packard system we are using. Only data base entries on a probability of greater than one percent (1%) will be reported.

Page 2

CASE NARRATIVE PREPARED FOR: ENSAFE

PRESENCE OF ACETONE

00019

Acetone present in field samples is often a residual from equipment cleaning processes in the field. Therefore, acetone concentrations in field blanks should be carefully reviewed.

Contamination by common laboratory solvents and chemicals is permitted to a certain level in the laboratory (method) blanks. These chemicals and solvents are listed in the table below paired with their associated fraction and allowable limit.

CHEMICAL	FRACTION (Matrix)	ALLOWABLE LIMITS ug/Kg or ug/L
Methylene Chloride	VOA (Water or Low Soil)	50.0
Acetone	VOA (Water or Low Soil)	50.0
2-Butanone	VOA (Water or Low Soil)	50.0
Methylene Chloride	VOA (Medium Soil)	6000.0
Acetone	VOA (Medium Soil)	6000.0
2-Butanone	VOA (Medium Soil)	6000.0

There are five (5) method blanks in this case and they all meet the criteria listed above.

SAMPLE CONDITION

All samples arrived in good condition.

If there are any further questions pertaining to this data package, please refer to Pace Project No. 820317.502.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package ... has been authorized by the Laboratory Manager or his designee as verified by the following signature."

Carolyn Corkey for:
 Gregory T. Grandits, Organics Manager

4/9/92
 Date

Sincerely,

Carolyn Corkey for:
 Gregory T. Grandits
 Organic Manager



April 9, 1992

CASE NARRATIVE PREPARED FOR: ENSAFE

PACE PROJECT NO: 820317.502

SEMI-VOLATILE SAMPLE ANALYSIS

This group of samples was received at Pace Incorporated on March 23, 1992. Samples for this delivery group were extracted using 3/90 SOW methodologies and were inadvertently analyzed under 2/88 CLP SOW criteria. This result should not adversely effect the data. All 3/90 analysis criteria were met for this sample delivery group.

PACE PROCEDURES

All files beginning with either >D or 7001D were run on GC/MS D.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RECOVERIES

Please reference sample MW-1 for Q.C. Sample MW-1 is included in Pace Project #820402.506.

SURROGATE RECOVERIES AND INTERNAL STANDARDS

There are five (5) surrogate recoveries and two (2) internal standards outside of Q.C. limits for the Semi-Volatile fraction.

Sample 42SW3 has five (5) surrogates and two (2) internal standards outside of Q.C. limits. The sample was reanalyzed with similar results. The sample was therefore reextracted. Only two results are required to be reported per 3/90 SOW Methodology. All results for this sample should be considered estimated.

ANALYTICAL PROBLEMS AND SOLUTIONS

The initial calibration on 3/25/92 had one compound (Hexachloroethane) outside the maximum relative percent difference criteria (20.5%). It is acceptable to have up to four compounds outside of this criteria as long as it is less than 40%.

The initial calibration on 4/1/92 had one compound, Naphthalene, outside the maximum relative percent difference criteria. Up to four compounds may be outside this criteria provided it is less than 40%.

Page 2

Case Narrative Prepared for : ENSAFE

The initial calibration on 4/1/92 had two compounds, 2,6-Dinitrotoluene and Fluorene, which did not meet the relative response factor of .200 and .900 respectively for the 160 ppb standard. It is acceptable to have up to four compounds outside RRF criteria, provided the RRF is greater than 0.010.

One compound, Pyrene, did not meet the maximum percent difference criteria for the continuing calibration on 3/29/92. Up to four compounds may be outside this criteria provided it is less than 40%.

Some Tentatively Identified Compounds may show less than three "hits" or possibly zero "hits" for the results of the library search. This is due to the algorithm of the Hewlett Packard system we are using. Only data base entries on a probability of greater than one percent (1%) will be reported.

Contamination by phthalate esters (Dimethylphthalate, Diethylphthalate, Di-n-butylphthalate, Butylbenzylphthalate, bis(2-Ethylhexyl)phthalate and Di-n-octylphthalate) is permitted to a certain level in the laboratory (method) blanks. The allowable limits are listed in the table below paired with their fraction and matrix.

CHEMICAL	FRACTION (Matrix)	ALLOWABLE LIMITS ug/Kg or ug/L
-----	-----	-----
Phthalate Esters	BNA (Water)	50.0
Phthalate Esters	BNA (Low Soil)	1650.0
Phthalate Esters	BNA (Medium Soil)	50000.0

There are two (2) method blanks in this case and they all meet the criteria listed above.

SAMPLE CONDITION

All samples arrived in good condition.

If there are any further questions pertaining to this data package, please refer to Pace Project #820317.502.

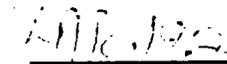
Page 3

Case Narrative Prepared for : ENSAFE

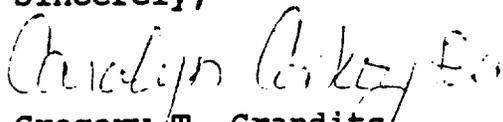
"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package ... has been authorized by the Laboratory Manager or his designee as verified by the following signature."


Gregory T. Grandits, Organic Manager

00012


Date

Sincerely,


Gregory T. Grandits
Organic Manager

April 10, 1992

CASE NARRATIVE PREPARED FOR: ENSAFE

PACE PROJECT NO: 820402.506

SEMI-VOLATILE SAMPLE ANALYSIS

This group of samples was received at Pace Incorporated on April 2, 1992.

PACE PROCEDURES

All files beginning with either >D or 7001D were run on GC/MS D.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RECOVERIES

Sample 42MW-1 was designated as the water Q.C. (i.e. matrix spike and matrix spike duplicate). There is one (1) spike recovery and one (1) RPD outside of Q.C. specification. Matrix spike and matrix spike duplicates are being analyzed every twenty (20) samples in accordance with EPA SOW OLM01.8 (or MS/MSD analyzed as designated on the client chain of custody).

SURROGATE RECOVERIES AND INTERNAL STANDARDS

There are no surrogate recoveries or internal standards outside of Q.C. limits for the Semi-Volatile fraction.

ANALYTICAL PROBLEMS AND SOLUTIONS

The five point initial calibration run on 4/8/92 has three (3) compounds (Acenaphthylene, Naphthalene, and Fluorene) over the 20.5% relative percent difference criteria. It is acceptable to have up to four compounds outside of this criteria as long as the RSD is less than 40%.

Some Tentatively Identified Compounds may show less than three "hits" or possibly zero "hits" for the results of the library search. This is due to the algorithm of the Hewlett Packard system we are using. Only data base entries on a probability of greater than one percent (1%) will be reported.

Contamination by phthalate esters (Dimethylphthalate, Diethylphthalate, Di-n-butylphthalate, Butylbenzylphthalate, bis(2-Ethylhexyl)phthalate and Di-n-octylphthalate) is permitted to a certain level in the laboratory (method) blanks. The allowable limits are listed in the table below paired with their fraction and matrix.

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by 2x for the required Method of Standard Additions (MSA) spikes to be within the calibration range. With the required dilution, the analytical spike was within the control limits. It appears any matrix interference was diluted out of the sample. Samples 42MW2 and 42MW3 were analyzed by MSA. Both correlation coefficients were greater than 0.995. Results are flagged with S. 00002

There appears to be a severe matrix interference with the selenium analysis. Most of the analytical spikes had recoveries less than 40%. The samples were diluted by 10x and reanalyzed. Sample 42MW3 had an analytical spike recovery of 40.0%. A dilution is technically only required when recoveries are less than 40%. Sample 42MW3 was diluted by 10x to obtain a usable sample result. The sample used for the spike/duplicate analysis, 42MW1, required the 10x dilution. The sample and the duplicate were diluted and reanalyzed. The spiked sample had a recovery of 0% when analyzed straight. Since a dilution would have caused the spike added to be under the detection limit, the spike was not reanalyzed. The interference may account for the low spike recovery. All diluted samples had analytical spikes within the control limits. It appears any matrix interference was diluted out of the samples. Samples 42SW3 and 42SW4 had analytical spikes greater than 40% but less than 85%. The results are flagged with W. This indicates a slight matrix interference may be present in these samples.

Two samples, 42MW2 and 42SW3, had arsenic analytical spike recoveries of less than 40%. The samples were diluted by 10x and reanalyzed. Sample 42MW2 had a resulting spike recovery of 80%. The result is flagged with W. Sample 42SW3 had a resulting spike within the control limits. It appears the dilution accounted for most of the matrix interferences. There were a number of samples with recoveries greater than 40% but less than 85%. The results are flagged with W. This indicates a slight matrix interference may be present in these samples.

CYANIDE ANALYSIS

An ICV was distilled with the samples for cyanide analysis. The ICV is used as the LCS.

BLANKS

The preparation blanks showed no levels over the Contract Required

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Detection Limit (CRDL). The rinse blank showed a mercury level of 0.3 ug/l. The rinse and field blanks contained zinc over the CRDL with concentrations of 22.9 and 23.0 ug/l, respectively.

00003

If you have any questions concerning this sample package, please feel free to call.

Sincerely,

Sharon K. Brakeman

Sharon K. Brakeman
Inorganic Manager

April 10, 1992

CASE NARRATIVE PREPARED FOR: ENSAFE - INDIAN HEAD

PACE PROJECT NO.(s): 820317.502

INORGANIC ANALYSIS

The following package contains data relating to samples received at PACE, Inc. on March 17 and 23, 1992. They were assigned to project number 820317.502 and to Sample Delivery Group (SDG) number 820317. The SDG consists of 11 water samples. All samples were analyzed following EPA CLP SOW for Inorganic Analysis Multi-Media, Multi-Concentration ILM01.0 3/90. 00001

QUALITY CONTROL - SPIKE/DUPLICATE ANALYSIS

Sample 42MW1 (PACE ID 912.5, 913.3, and 914.1) was used for the spike/duplicate analysis. Antimony, arsenic and selenium were outside the predigestion spike control limits with recoveries of 53.4, 7.5 and 0%, respectively. A post digestion spike was performed for antimony. The results are reported on form 5b. Results are flagged with N. Aluminum and chromium were outside the duplicate control limits. Results are flagged with *.

ICP ANALYSIS

The ICP data was transferred to the CLP software via computer disc. The data is saved to the disc with the results reported to more decimal places than is on the print out. The results are reported rounded to four decimal places or four significant figures on the hard copy raw data. This may cause a slight difference in the reporting. Example: The aluminum ICV value on the raw data print out is 962.5 mg/l, the aluminum ICV value on form 2 is 962.48 ug/l. This reporting difference does not adversely effect the data.

A serial dilution was performed. Calcium, magnesium and zinc were outside the control limits. Results are flagged with E. This indicates a possible chemical or physical interference.

GFAA ANALYSIS

The lead analytical spikes for samples 42MW1, 42MW2 and 42MW3 were outside the control limits, with the sample concentration greater than 50% of the spike concentration. Sample 42MW1 had to be diluted

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Case Narrative Prepared for : ENSAFE

CHEMICAL	FRACTION (Matrix)	ALLOWABLE LIMITS ug/Kg or ug/L
-----	-----	-----
Phthalate Esters	BNA (Water)	50.0
Phthalate Esters	BNA (Low Soil)	000500
Phthalate Esters	BNA (Medium Soil)	50000.0

There is one (1) method blank in this case and it meets the criteria listed above.

SAMPLE CONDITION

All samples arrived in good condition.

If there are any further questions pertaining to this data package, please refer to Pace Project #820402.506.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package ... has been authorized by the Laboratory Manager or his designee as verified by the following signature."

Greg Grandits / s
Gregory T. Grandits, Organic Manager

4/10/92
Date

Sincerely,

Greg Grandits / s
Gregory T. Grandits
Organic Manager

April 13, 1992

CASE NARRATIVE PREPARED for: ENSAFE

PACE PROJECT NO: 820317.502

PESTICIDE/PCB PROCEDURE

Pace uses a Dual-Wide Bore GC-ECD procedure involving the simultaneous injection of samples and/or standards onto two (2) columns using a flow splitter. The total micro liter volume injected is 1.0.

The raw data printout may show a number that is labelled "Dilution". This is actually a factor used for calculation of the estimated concentration (solution concentration, original concentration) reported on the printouts. These values are for internal use only and should not be confused or equated with the sample dilution factor or concentration listed on the Form I's. Only the Peak Names, Retention Times and Area's on the raw data are of significance to the client.

PEAK INTEGRATION

Valley to valley peak integration is used to determine peak areas.

PEAK CONFIRMATION

Compounds are considered "Positive Hits" only if they meet the following Criteria: Presence on both the DB-608 and DB-5 columns.

PESTICIDE/PCB ANALYSIS

This group of samples was received at Pace Incorporated on March 17 and March 23, 1992. It consisted of eleven (11) water samples for Pesticide/PCB analysis.

Beta-BHC for the pesticide performance evaluation standard (PEM) analyzed on 04/02/92 at 16:49 on the DB-608 column has a %D of 30.0%. The allowable %D for this compound is 25.0%. The DB-5 column meets all requirements for this compound. No positive hits for beta-BHC were detected in any of the samples associated with this pesticide evaluation mix. It is in the opinion of this laboratory that this will not adversely effect the integrity of the data.

