FINAL SITE CHARACTERIZATION REPORT

Remedial Investigation Part 1,
At Acid Area 1

Former Plum Brook Ordnance Works
Sandusky, Ohio

Prepared for:

DEPARTMENT OF THE ARMY
NASHVILLE DISTRICT, CORPS OF ENGINEERS
NASHVILLE, TENNESSEE
CONTRACT DACW62-03-D-0004-0007

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COMPLETION OF INDEPENDENT TECHNICAL REVIEW

Jacobs Engineering Group, Inc. has completed the Final Site Characterization Report, Remedial Investigation Part 1, at Acid Areas 1, Former Plum Brook Ordnance Works, Sandusky, Ohio. Notice is hereby given that an independent technical review has been conducted that is appropriate to the level of risk and complexity inherent in the project, as defined in the Quality Control Plan. During the independent technical review, compliance with established policy principles and procedures, utilizing justified and valid assumptions, was verified. This included review of assumptions; methods, procedures, and material used in analyses; alternatives evaluated; the appropriateness of data used and level of data obtained; and reasonableness of the results, including whether the product meets the customer's needs consistent with law and existing Corps policy.

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Jacobs Final Site Characterization Report Author

CERTIFICATION OF INDEPENDENT TECHNICAL REVIEW

All comments provided by various PBOW team member reviews have been addressed and are presented in Appendix L.

Comment: See individual comments in Appendix L

All concerns resulting from independent technical review of the project have been considered.

Al Hardesty
(Signature)
(Project Manager)

July 15, 2009
(Date)

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LIST OF ACRONYMS AND ABBREVIATIONS

amsl	above mean sea level
ASTM	American Society for Testing and Materials
AA1	Acid Area 1
bgs	below ground surface
CELRN	U.S. Army Corps of Engineers – Nashville District
COC	Chain of custody
CSM	Conceptual Site Model
DERP	Defense Environmental Restoration Program
DI	deionized
DNT	dinitrotoluene
DOD	U.S. Department of Defense
DPT	direct push technology
DQO	data quality objective
EPA	U.S. Environmental Protection Agency
°F	degrees Fahrenheit
FSP	Field Sampling Plan
ft	feet
gpm	gallons per minute
ID	inner diameter
IDW	investigation-derived wastes
IT	International Technology Corporation
Jacobs	Jacobs Engineering Group
NASA	National Aeronautics and Space Administration
OEPA	Ohio Environmental Protection Agency
PA	preliminary assessment
PAH	polynuclear aromatic hydrocarbon
PBOW	Plum Brook Ordnance Works
PBOSG	Plum Brook Operations Support Group
PCB	polychlorinated biphenyls
PCE	Tetrachloroethane
PID	photoionization detector
PPE	personal protective equipment
PRG	preliminary remediation goal
PVC	polyvinylchloride
QA	quality assurance
RBC	risk-based concentration
RI	remedial investigation
SAIC	Science Application International Corporation
SAP	Sampling and Analysis Plan
Shaw	Shaw Environmental, Inc.
SI	site investigation
SVOC	semi-volatile organic compound
SWSAP	Site Wide Sampling and Analysis Plan
TAL	Target Analyte List
TCE	Trichloroethene
TCLP	toxicity characteristic leaching procedure
TNT	trinitrotoluene
VOC	volatile organic compound

EXECUTIVE SUMMARY

This report addresses the findings of sampling conducted as part of a remedial investigation performed at Acid Area 1, located at the former Plum Brook Ordnance Works (PBOW), Sandusky, Ohio. The scope of this Part 1 document does not include a human health or ecological risk assessment, however the collected data will support risk assessments to be performed at a later date.

PBOW was built in early 1941 as a manufacturing plant for TNT, DNT, and pentolite. Numerous buildings, process facilities, and storage tanks were constructed at AA1 to support the production of oleum, sulfuric acid, and nitric acid used in manufacturing TNT. Acid production was discontinued in 1945. A review of aerial photographs indicates that the above ground features including buildings and storage tanks were dismantled between 1958 and 1968.

A Site Investigation (SI) was performed at the Acid Areas in 1998, which identified surface and subsurface soil contamination above U.S Environmental Protection Agency (USEPA) Region III Risk Based Criteria (RBC). Thirty soil samples were collected at 15 locations at AA1. Organic contaminants in surface and subsurface soil exceeding the RBCs included PCBs and SVOCs.

A Remedial Investigation (RI) was performed April 2007 through May 2008 to evaluate soil contamination at site facilities not investigated during the 1998 SI, and to evaluate impacts to the groundwater, surface water, and sediment in the vicinity of AA1. Two rounds of groundwater sampling were performed, one in November 2007 and the other in May 2008.

Soil borings were advanced to collect surface and subsurface soil samples. Soil samples were collected utilizing a Geoprobe® 5400 equipped with a Macrocore sampling device. Each boring included a surface soil sample and one subsurface sample, with the exception of one location which included a surface soil sample only. A total of 45 soil samples were collected from 23 locations. Subsurface soil samples were collected from either three to five feet (ft) below ground surface (bgs) or from eight to ten ft bgs.

Eight temporary piezometers were installed to determine the depth, gradient, and seasonal variability of the shallow overburden groundwater. Water level measurements were collected over a twelve-month period from 21 April 2007 through 2 May 2008.

Three bedrock wells were installed at AA1 in June 2007 and three shallow overburden wells were installed in July 2007. All newly installed wells and the existing on-site and nearby wells were monitored to determine the depth and gradient of the two aquifers. These wells were also sampled to evaluate impacts from the AA1 site.

Co-located surface water and sediment samples were collected from four drainage features at the site. A total of fifteen samples were collected, which included upstream, on-site, and downstream locations.

The analytical data obtained during this investigation were found to be acceptable with minor QC deficiencies for some data sets resulting in data qualification as reported in the Chemical Data Quality Report.

Based on the information obtained from these investigations, soil, sediment, and surface water have been impacted at the site. PCBs, lead, and benzo(a)pyrene are found in surface soil at numerous former acid producing facilities and in the sediment in the drainage ditches around the site. There is minimal PCB, lead, and benzo(a)pyrene contamination in the subsurface soil. Chlorinated hydrocarbons are found in the surface and subsurface soil in the vicinity of Bldg 302 and in the surface water in the northern drainage ditch downgradient from Building 302.

Twenty eight of the 38 samples collected from the surface soil at AA1 contained PCBs, lead, and or benzo(a)pyrene at concentrations exceeding the USEPA Region 9 Residential PRGs. Only four of the 38 subsurface soil samples exceeded the PRGs for these contaminants and all were at depths no greater than 5 feet below ground surface.

PCBs are the most common contaminant at the site. Eighty-two percent of the surface soil samples contain PCBs. Concentrations of PCBs exceed the PRGs and background values at 25 of the 38 surface soil locations. The highest concentrations of PCBs tend to occur within the footprint of the former storage tanks. PCB concentrations are also elevated around the footprint of the former process buildings.

Concentrations of lead exceed the PRGs and background values at 17 of the 38 surface soil locations, while benzo(a)pyrene concentrations exceed the PRGs at only 6 of the 38 surface soil locations. Lead and benzo(a)pyrene tend to be co-located with the PCB contamination at the former storage tanks and process facilities.

Subsurface soil contamination deeper than 5 feet is limited to trichloroethene (TCE) in the vicinity of Building 302. One soil sample collected from the 8 – 10 ft interval contains TCE at concentrations exceeding the PRGs. Other chlorinated hydrocarbons have been detected in the surface and subsurface soil at six other locations adjacent to Building 302.

Nine of the 15 sediment samples contained PCBs, lead, and or benzo(a)pyrene at concentrations exceeding the USEPA Region 9 Residential PRGs. PCBs were present in all of the sediment samples, with six samples exceeding the PRGs. The concentration of PCBs in sediment is considerably less than those detected in the surface soil, and tend to decrease downstream away from the site.

PAHs were detected in all but four of the sediment samples, with benzo(a) pyrene exceeding the PRGs at 6 locations. Concentrations of benzo(a)pyrene in sediment are similar to the concentrations found in the surface soil. Lead exceeded the PRGs at two sediment sampling locations and the concentrations are considerably less than those found in the surface soils.

Site contaminants detected at level above the PRGs in the surface water are limited to TCE, which was detected in the northern drainage ditch. The nearest sampling location in the northern drainage ditch is located approximately 200 feet down-gradient from the TCE soil contamination at Bldg 302.

Site contaminants were not detected in the shallow or bedrock groundwater. Organic contaminants exceeding the PRGs in bedrock groundwater are a different set of compounds that are related to naturally occurring petroleum in the Delaware and Columbus Limestones.

Further actions should be considered to address the contaminants exceeding the USEPA Region 9 PRGs at Acid Area 1. The recommendations are as follows:

- Perform a human health and ecological risk assessment using existing site data.
- Evaluate the need for further contaminant delineation in soil and sediment based on results from the human health and ecological risk assessments.
- Evaluate the need for an investigation of the shallow groundwater north of Building 302 and confirmation of TCE discharge into the northern drainage ditch.
- Evaluate the need for any future remedial actions based on results from the human health and ecological risk assessments.

1.0 INTRODUCTION

The U.S. Army is investigating the environmental impact at previously owned U.S. Department of Defense (DOD) properties. This work is being performed by the U.S. Army Corps of Engineers under the Defense Environmental Restoration Program (DERP). Chemical contamination related to DOD activities has been documented at the former Plum Brook Ordnance Works (PBOW) located near Sandusky, Ohio. The PBOW site is a formerly used defense site under DERP, currently being managed by the Corps of Engineers, Huntington District and technically overseen by the Corps of Engineers, Nashville District (CELRN).

PBOW operated from 1941 to 1945 as a manufacturing plant for trinitrotoluene (TNT), dinitrotoluene (DNT), and pentolite. The site is currently owned by the National Aeronautics and Space Administration (NASA) and is operated as the Plum Brook Station of the John Glenn Research Center, which is located at Lewis Field, Cleveland, Ohio.

This Remedial Investigation of Acid Area 1 (AA1) is being conducted by Jacobs Engineering Group (Jacobs) under contract DACW62-03-D-0004, Delivery Order #7. The work includes engineering services to conduct environmental investigations at PBOW including soil, sediment, surface water, and groundwater. This report addresses the findings of a field investigation conducted at AA1 during the period April 2007 through May 2008. The scope of this document does not include a human health or ecological risk assessment; however, the collected data will support risk assessments to be performed at a later date.

1.1 SITE BACKGROUND

1.1.1 Site Location

PBOW is located south of Sandusky, Ohio, (Figure 1-1). The AA1 site is located in the north-central portion of PBOW, adjacent to Taylor Road, south of Maintenance Road (Figure 1-2).

1.1.2 Site History

The 9,009-acre PBOW site was built in early 1941 as a manufacturing plant for TNT, DNT, and pentolite. Production of explosives began in December 1941 and continued until 1945. It is estimated that more than one billion pounds of explosives were manufactured during the four-year operating period.

NASA acquired PBOW in 1963 and presently utilizes about 6,400 acres for conducting space research. The AA1 site is currently not being utilized, with the exception of several remaining buildings which are being used for storage.

The acid areas were used to produce oleum, sulfuric acid, and nitric acid for the manufacture of TNT. Records were not available to describe operations at the PBOW Acid Areas. However, records are available that describe similar acid production operations at the Volunteer Army Ammunition Plant, Tennessee during the same time period. Acid production at all of the WWII-era ammunition plants are reported to have been fairly similar. The following sections summarize acid production at the Volunteer Army Ammunition Plant.

The acid areas produced various concentrations of acids for use at the batch TNT processing lines. The production area consisted of five main operations including:

- Weak nitric acid production
- Strong nitric acid production
- Reprocessing of spent sulfuric acid to produce strong sulfuric acid
- Oleum (sulfuric acid saturated with sulfur trioxide) production
- Mixed acid (strong nitric acid and oleum) production.

Weak nitric acid (60 percent nitric acid) was produced at the Ammonia Oxidation Process Building. Anhydrous ammonia used for the production of weak nitric acid was stored in tanks. Vapor compression to liquefy the ammonia was accomplished by compressors. Weak nitric acid was stored in area tank farms. The acid was then routed to the batch TNT process lines and to the Nitric Acid Concentrator facilities.

At the Nitric Acid Concentrator Buildings strong nitric acid (95 to 98 percent nitric acid) was produced. The process involved mixing weak nitric acid with strong sulfuric acid (93 percent syllabic acid) for dehydration of the nitric acid. The resultant strong nitric acid was mixed with oleum (a mixture of sulfuric acid and sulfur trioxide) to produce mixed acid, which was used in the batch TNT nitration process. After the nitric acid and oleum were combined, the mixed acid product was approximately one-half nitric acid and one-half sulfuric acid. This mixed acid was used in lieu of strong nitric acid in the batch process lines because less expensive carbon steel piping could be used to carry it rather than the more costly stainless steel. Until needed, the mixed acid was stored in above-ground storage tanks.

The Sulfuric Acid Concentrator recycled sulfuric acid recovered from the TNT manufacturing process and the nitric acid concentrating process to yield strong sulfuric acid. The strong sulfuric acid was produced at two concentrations, 78 and 93 percent, and were used in the production of oleum, production of strong nitric acid, or shipped out as sales acid.

Oleum was used in the production of mixed acid or routed directly to the batch TNT process lines for use in the nitration process. The Oleum Plant included a process to melt sulfur using steam, which was then passed over a series of baffles to remove dirt before it was stored in a lined pit. The molten sulfur was pumped into the Oleum Plant, where sulfur dioxide was formed by burning the sulfur. The sulfur dioxide was subsequently oxidized by a vanadium pentoxide catalyst to produce sulfur trioxide. A 40-percent oleum-sulfuric acid was produced by absorbing the sulfur trioxide in weak sulfuric acid supplied by the Sulfuric Acid Concentrator operations.

Neutralized acid waste was discharged into an acid neutralizing pit, then transferred to a holding pond, and eventually discharged into a ditch.

Similar facilities have been identified at PBOW. AA1 consisted of eight buildings (Bldgs. 301-304, Bldgs. 306-308, and Bldg. 310), 43 above-ground storage tanks, and two rail lines (Figure

1-3). No information was obtained during the IT records review to indicate the type of process conducted at each building; however, identification of five storage areas was determined from the drawings: Oleum Storage (twelve tanks), Concentrating Mix Storage (six tanks), Sulfuric Acid Sales (twelve tanks), TNT Residual Acid Storage (five tanks), and Mixed Storage (8 horizontal tanks) as shown on Figure 1-3. Based on the location of the Oleum Storage, Sulfuric Acid Sales Storage, and Mixed Storage in close proximity to the rail line, the stored material was likely transferred directly to and from tanker cars or containers on a routine basis.

A review of the 1958 and 1968 aerial photos indicates that the above ground features including buildings and storage tanks were dismantled between these dates.

1.1.3 Previous Environmental Investigations

A records review was conducted by IT Corporation (IT) in preparation for a Site Investigation (SI) of the Acid Areas (IT, 1998). The records review indicated that no previous investigations had been conducted at AA1.

The SI at AA1 was conducted in 1998 by IT to determine the presence of potential contaminants and to narrow the focus of future sampling (if necessary) to specific chemicals of concern. A total of fifteen soil borings were conducted at AA1, with two samples being collected at each location: one surface and one subsurface (Table 1-1). Surface soil samples were analyzed for VOCs, SVOCs, PCBs, metals, and nitroaromatics. Subsurface soil samples were analyzed for VOCs, SVOCs, metals, and nitroaromatics. As part of the investigation, six soil samples were collected near the perimeter of PBOW to establish background values for inorganics. The SI identified surface and subsurface soil contamination above U.S Environmental Protection Agency (EPA) Region III Risk Based Concentration (RBC). Organic contaminants in surface soil exceeding the RBCs included PCB Arochlor 1260 and the explosives compound 4-amino-2,6- dinitrotoluene. There were no organics compounds exceeding the RBCs in the subsurface soil.

Subsurface soil samples were not analyzed for PCBs; therefore it was not known if PCBs were present at depth. There were no detected inorganic contaminants in surface and subsurface soil exceeding both the RBCs and the established background values.

One shallow overburden well and one bedrock well were installed at AA1 in 1997. Groundwater samples were collected from these wells during two sampling rounds, one in November 1997 and the other in May 1998.

Sampling results indicate VOCs, SVOCs, and explosives were detected in the bedrock groundwater at levels above RBCs. RBCs used for this investigation were based on USEPA 2002 tap water criteria.

1.2 PROJECT OBJECTIVES

The objectives of this RI include:

- Obtain site data of a quality, quantity and distribution appropriate for site characterization, risk assessment, and feasibility study
- Determine the nature and extent of DOD related contamination in soil and groundwater at the site
- Determine the presence or absence of impacts to the drainage features
- Define site physical features and characteristics
- Evaluate the fate and transport of contamination

1.3 SCOPE OF WORK

This investigation included the characterization of surface soil, subsurface soil, sediment, surface water, shallow overburden groundwater, and bedrock groundwater.

1.3.1 Soil Investigation

The soil investigation was performed with direct push technology (DPT) to advance 23 soil borings at AA1. Boring depths ranged from 5 to 10 ft bgs. Surface and subsurface soil samples were collected for off-site chemical analysis. Further detail regarding the soil investigation is provided in Section 3.3 and 4.0 of this report.

1.3.2 Groundwater Investigation

Eight temporary piezometers were installed to determine the depth, gradient, and seasonal variability of groundwater in the shallow overburden aquifer. Water level measurements were collected seven times during the period of 21 April 2007 through 2 May 2008.

Three bedrock monitoring wells were installed at AA1 in June 2007. Three shallow overburden monitoring wells were installed in July 2007. The existing overburden well AA1-GW002 is situated down-gradient of the eastern two thirds of the site and side-gradient or up-gradient to the remainder of the site. There is also another existing overburden well MK-MW19 situated down-gradient of the site adjacent to the maintenance facility, approximately 700 feet northwest of AA1. The existing bedrock well AA1-BEDGW-001 is co-located with the existing shallow well and is situated down-gradient of the eastern two thirds of the site and side-gradient or up-gradient to the remainder of the site. There is also another existing bedrock well MNTA – BEDGW001 situated side-gradient of the site, approximately 1000 feet north and northeast of AA1. All newly installed wells were developed and slug tested. Two rounds of groundwater samples were collected from the newly installed wells and existing wells, one in November 2007

and one in May 2008. Further detail regarding the groundwater investigation is provided in Section 3.4 and 5.0 of this report.

1.3.3 Surface Water and Sediment Investigation

Twelve surface water and 15 sediment samples were collected from four drainage ditches that originate or border the site. Surface water samples were collected May 21 and 22, 2007. Sediment samples were collected May 23 through May 25, 2007. Further detail regarding the surface water and sediment investigation is provided in Section 3.5 and 6.0 of this report.

1.3.4 Associated Field Activities

Site clearing was conducted to provide access to wooded areas on the eastern side of AA1. The removal of brush was performed with hand equipment.

All environmental sampling locations were surveyed using conventional survey methods and were converted to Ohio State Plane North NAD83.

All investigation-derived waste (IDW) was containerized in 55-gallon drums and staged at the site or at an indoor facility at PBOW. IDW characterization samples were collected and submitted for off-site analysis. Sample results indicated that all IDW was non-hazardous. Solid IDW and liquid IDW generated during well installation and well development was transported from the site on 15 October 2007 and disposed at an approved off-site facility. Liquid IDW associated with Rounds 1 and 2 groundwater sampling is currently staged on-site at an indoor facility. This water will be transported from the site in conjunction with additional decon water to be generated during the Acid Areas 2 and 3 surface soil delineation sampling which is expected to be complete May 2009.

1.4 REPORT ORGANIZATION

This report is organized as follows:

Section 1.0 Introduction, presents the Project Background, the Site Investigation Objectives, the Scope of Work, and the Report Organization.

Section 2.0 PBOW Facility and Acid Areas Environment, describes the PBOW and AA1 environmental setting.

Section 3.0 Investigation Procedures, outlines the investigation procedures and activities performed.

Section 4.0 Soil Investigation, presents the findings for surface and subsurface soil.

Section 5.0 Groundwater Investigation, presents the findings for the shallow and bedrock groundwater.

Section 6.0 Surface Water and Sediment Investigation, presents the findings of the Surface Water and Sediment Investigation.

Section 7.0 Conclusions and Recommendations, summarizes the investigation findings and provides conclusions for nature and extent of contamination, fate and transport, and recommendations for future actions.

References are provided after Section 7.0. Tables, figures, and appendices are included following the text in the order in which they have been referenced.

2.0 PBOW FACILITY AND ACID AREAS ENVIRONMENT

2.1 PHYSIOGRAPHY AND TOPOGRAPHY

PBOW is located within the Eastern Lake section of the Central Lowland Province near the southwestern shore of Lake Erie. The region is characterized by lake plains, outwash plains, and till plains with occasional small hills produced during the retreat of the Wisconsinan ice sheet. Most of Erie County has a slope of 6 percent or less. The highest point in the county is 320 ft above the approximate mean level of Lake Erie (USDA, 2002). Across PBOW, the topography is relatively flat with a gentle north-northeast slope declining towards Lake Erie.

Throughout the region including what is now Erie County, multiple glacial advances followed by melting and recessions deposited glacial till and lacustrine sand, silt and clay. Thin mantles of soil formed in high bedrock areas where the advance of ice and associated glacial deposition was obstructed, with thicker layers of glacial till forming in lower lying areas away from the bedrock highs (USDA, 2002). Portions or all of Erie County were repeatedly covered by glacial lakes depending on the extent of the periodic advances of glacial ice and the resultant ice melt. During the last glacial recession, the Erie Basin was filled by a series of lakes that formed in front of the ice sheet. Lacustrine sediments deposited in these lakes form many of the present day soils in Erie County (USDA, 2002). Fluctuating lake levels and associated wave action subsequently modified glacial deposits and produced features such as beach ridges and wave cut cliffs.

The AA1 site physical features include an open field with four separate drainage features, one bordering the southern site boundary, two originating on the western portion of the site and draining to the west, and one major drainage feature originating in the center of the site and draining to the north. This northern drainage ditch includes a tributary originating east of the site and which drains to the northwest bisecting the northeast corner of the site. A storm sewer system was constructed at the site, as evidenced by existing drainage grates, manhole covers, and open holes with brick lining. The remains of an old railroad grade with a few railroad ties and loose track are still evident at the site. A paved service road completes a loop around the perimeter of the site. AA1 covers approximately 17 acres. The ground surface is essentially flat, with minimal slope toward the north central portion of the site. Elevations at the site range from 642.8 ft amsl near the southeastern portion of the site to 638.3 ft amsl on the north central border of the site. The majority of the site is currently an open field, with tall grass and frequent low shrubs. Small wooded areas have developed throughout the site and tend to be thickest in the northeastern portion. The areas outside of the site boundary have similar growth.

2.2 GEOLOGY

2.2.1 PBOW Geology

The dominant soil materials at PBOW are derived from glacial till, outwash (gravel and sand), and lacustrine (very fine sand, silt and clay) deposits. Other soil types have been formed from more recent deposits of alluvium or the weathering of parent rock. Within PBOW, the soil origins are primarily lacustrine, with approximately 50 different soil units identified at the site

(USDA, 2007). The glacial deposits are less than 20 feet thick on average and bedrock is exposed in many places.

The bedrock formations of northwestern Ohio are of sedimentary origin and consist of Devonian and Silurian carbonates (limestones and dolomites) and clastics (sandstones and shales). The regional dip is to the southeast at approximately 35 ft per mile, with younger rocks subcropping to the east. The Silurian and Devonian formations unconformably overlie sedimentary sequences of Ordovician and Cambrian Age, which in turn unconformably overlie the Pre-Cambrian crystalline Greenville Basement.

At PBOW, four Devonian formations subcrop beneath the glacial drift cover (Shaw, 2003). From oldest to youngest, these formations are Delaware Limestone, Plum Brook Shale, Prout Limestone, and the Huron Shale member of the Ohio Shale. A geologic map, Figure 2-1, in the 2002 Groundwater Data Summary and Evaluation Report (Shaw, 2003), shows the spatial distribution of these subcrops across PBOW.

The Delaware Limestone conformably overlies the Columbus Limestone, and is approximately 75 ft thick. The contact between the two formations occurs to the northwest of PBOW. The Delaware Limestone subcrops beneath the glacial drift in the extreme northwestern corner of PBOW. It is described as a massive to thick-bedded, brown to gray, fossiliferous limestone and dolomite. Karst topography occurs in some of the Silurian and Devonian carbonates in the northern and western sections of Erie County, (SAIC, 1991).

The Plum Brook Shale unconformably overlies the Delaware Limestone and subcrops beneath the glacial drift over most of the northwest portion of the site. It is approximately 35 ft thick, and is described as a blue, soft, fossiliferous shale containing thin layers of dark, hard fossiliferous limestone.

The Prout Limestone is a 15-foot thick limestone, which conformably overlies the Plum Brook Shale. The Prout Limestone subcrops beneath the glacial drift as a thin (1000 to 2000 foot wide) northeast striking band across the middle of PBOW. It is described as a dark gray to bluish gray to blue, very hard, silicious, fossiliferous limestone or dolomitic mudstone.

The Huron Shale is the lower member of the Ohio Shale and subcrops beneath the glacial drift over much of the southern and eastern portions of PBOW. It is described as a grayish black, dense, platy to fissile shale containing large pyrite/carbonate concentrations (one to six ft in diameter). It is up to 300 ft thick. The glacial drift cover over the Huron Shale is generally thinner than over other formations, in many places the shale is within several ft of the surface.

2.2.2 AA1 Geology

Overburden thickness at AA1 ranges from 20.25 ft along the southern boundary near the center of the site to 26 ft in the northwestern corner. The overburden consists of clay and silty clay, with a fairly continuous silty layer in the upper 10 feet. This silt layer ranges in thickness from 1.5 ft to 8 ft, being thickest on the eastern and western ends of the site and thinning toward the center. There is a localized sand lense, less than 1 ft in thickness on the western boundary at a depth of 19 ft. The remainder of the overburden is clay. The soil at AA1 is mapped as Udorthents, loamy, 0 to 6 percent slopes (Udb), which represents areas that have been altered during construction. The site is bounded primarily by soils mapped as Colwood loam, 0 to 1%

slopes (CmA), Kibbie fine sandy loam, 0 to 2 % slopes (KbA), and Elnora loamy fine sand, 0 to 4% slopes (EnA) (USDA, 2007). Colwood loam and Kibbie fine sandy loam are associated with extensive flat areas, with Colwood loam in drainage ways and depressions and Kibbie fine sandy loam in flat areas with slight rises. These units both have "apparent" water tables and are somewhat poorly drained (KbA) to poorly/very poorly drained (CmA). Elnora loamy fine sand is associated with rises, summits, back slopes and shoulders of lake plains and are moderately well drained (USDA, 2002).

The Plum Brook Shale subcrops beneath these unconsolidated deposits over the entire site. Thickness of the Plum Brook Shale ranges from 12 ft at the northwest corner of the site to 19.5 ft at the southeast corner. The Delaware Limestone and Columbus Limestone underlie the Plum Brook Shale. Average thickness of the limestone at the AA1 site is unknown, since borings extended no further than 31 ft below the top of the formation. Rock cores collected during the monitoring well installation showed few fractures, low porosity, and occasional zones with naturally occurring oil and hydrogen sulfide gas which are common in the Columbus Limestone (Shaw, 2004).

2.3 GROUNDWATER

2.3.1 PBOW Description

Groundwater at PBOW includes the shallow overburden and the bedrock aquifers. Numerous wells have been installed across the site to characterize these two water-bearing units (Shaw, 2003). The shallow overburden generally has low yields over most of the site due to the high percentage of silt and clay. Water levels in the shallow overburden range from 1 ft bgs to 6 ft bgs during wet season and fluctuate up to four ft on a seasonal basis. Water levels generally mirror the local topography. Shallow groundwater flow is typically toward the local surface drainage features with a general northerly trend.

Bedrock groundwater has been subdivided into two separate units at PBOW: 1) the Plum Brook Shale and Ohio Shale, and 2) the Delaware and Columbus Limestones. Water levels in the Plum Brook Shale and Ohio Shale closely match those of the shallow overburden suggesting good vertical communication between the two units. Water levels in the limestone are on average 30 ft bgs. Water in the limestone typically occurs in fractures, along bedding planes, or in solutionally enlarged openings. The conceptual model indicates that bedrock groundwater flow in the Delaware and Columbus Limestones is dependant on the frequency, orientation, density, and connectivity of the fractures. Bedrock groundwater flow is generally to the north, however there are major fracture zones transecting the site, which influence groundwater flow in several areas (Shaw, 2003).

Two aquifers are utilized for drinking water in the area surrounding PBOW: a carbonate aquifer outcropping in the western portion of Erie County and a shale aquifer outcropping in the eastern portion. PBOW is located within the transition of the two aquifers. Both aquifers are overlain by a veneer of glacial drift, generally less than 20 ft, that is considered a poor source of groundwater except in areas of sand and gravel lenses.

The carbonate aquifer is subdivided into two zones by the Ohio Department of Natural Resources based on usage and yields. Zone one is characterized as cavernous limestone and

dolomite. Yields from zone one range from 100 to 500 gallons per minute (gpm) in the karst terrain of western Erie County and decrease to the east, as evidenced by a well just west of PBOW that has a yield of eight gpm. Zone one is present in the north and northwestern portions of PBOW at depths of approximately 100 ft. Zone two is a deeper carbonate aquifer that generally yields 15 gpm or less. Zone two is present in the north portion of PBOW at depths of 300 ft.

The shale aquifer and overlying discontinuous sand and gravel deposits are designated as zone three. Zone three is present over all of the eastern and southern portions of PBOW and seldom yields more than three gpm.

Residences to the north and east of PBOW are served by city, county, and rural water departments. Residences south and west of PBOW are supplied by wells. As of 1991, a total of 179 permitted private drinking water wells, listed at the Erie County Health Department, were within a four-mile radius of PBOW (SAIC, 1991). The nearest recorded well is at 6115 Schenk Road, approximately 7300 ft west - northwest of AA1. There is also another unrecorded well observed at 1810 Schenk Road, located approximately 10,250 ft northwest of AA1.

2.3.2 AA1 Groundwater

Groundwater at AA1 includes both shallow overburden and the Delaware and Columbus Limestone aquifers. Groundwater elevations in the shallow overburden range from 634.0 to 640.1 ft amsl. Depths to the shallow groundwater during the spring 2008 ranged from 1.6 to 5.6 ft bgs. Shallow groundwater generally flows to the northwest, however the local drainage features also serve to control the flow of shallow groundwater.

Groundwater elevation contours for the deeper Delaware and Columbus Limestone aquifer indicate a linear feature on a regional scale, running northeast-southwest through PBOW, in the vicinity of AA1, which acts as a preferential flow path (Shaw, 2003). This feature is parallel to the bedrock strike and may represent a fracture system and/or karst development. Groundwater elevations drop steeply toward this zone on either side. The AA1 site is located approximately 1000 ft southeast of the axis of this feature. Although adequate water level data has not been collected at the site to confirm flow directions, it is likely that groundwater flows from the site in a northwestern direction toward this regional feature. Groundwater elevations in the bedrock ranged from 603.5 to 607.7 ft amsl in May 2008.

2.4 SURFACE WATER

2.4.1 PBOW Description

PBOW lies in the eastern region of the Pickeral Creek – Pipe Creek Basin, which in turn, lies within the St. Lawrence River drainage basin. The Huron River Basin lies approximately 3.5 miles east of PBOW. Sandusky Bay and Lake Erie are approximately 4.5 miles north of the site.

Eleven streams pass through or originate within PBOW and are a part of four drainage areas: 1) Sawmill Creek (southern PBOW); 2) Plum Brook (central PBOW); 3) Pipe Creek (western

PBOW); and 4) Storrs-Hemminger Ditch. All streams flow north or northeasterly into Sandusky Bay.

Numerous ponds lie within and around PBOW. Seventeen isolated ponds and reservoirs, and three red water ponds are located on PBOW. It is not known if the ponds are fed from shallow groundwater. Pond water levels remain high, even during the winter months.

Surface water intakes within 15 miles of PBOW include Lake Erie, Huron River, and reservoirs fed by the west branch of the Huron River and it's tributaries.

The Erie County Health Department does not permit the use of surface water for private drinking water supply and no surface water within PBOW is used as a drinking water supply. It is unknown whether surface waters are used for livestock in the local area. Crop irrigation is not common in Ohio. Lake Erie and Sandusky Bay are a resource for recreational sports including fishing, swimming, and boating.

2.4.2 AA1 Surface Water

Four drainage ditches originate from or border the AA1 site: one on the southern perimeter of the site, two originating on the western portion of the site and draining to the west, and one major drainage feature originating in the center of the site and draining to the north. This northern drainage ditch includes a tributary originating east of the site and which drains to the northwest bisecting the northeast corner of the site. A fifth area was identified as a low-lying ponded area near the eastern end of the site, but has no drainage outlet.

The southern drainage ditch channel is approximately six to eight ft wide with a depth ranging from one to two feet near the upper end of the ditch on the eastern end of the site to six feet deep on the downstream end west of the site.

One of the western drainage ditches originates on site near a low lying area that is often ponded during the wet season. The ditch initiates as a swale and increases in width and depth heading west with maximum channel widths reaching 6 to 8 feet and maximum channel depths reaching 4 to 5 feet. The other western ditch originates at a man-made, bermed pond on the northwest corner of the site. A low lying swale with negligible width and depth is evident 25 yards downgradient from the pond.

The northern drainage ditch channel is approximately 25 to 30 feet wide and 10 to 12 feet deep and initiates as a large drainage culvert, most likely connected to the former storm drain system established at the site.

The surface water elevations range from 634.7 to 637.3 ft amsl at the most upstream locations in the four drainage ditches and range from 629.3 to 633.8 ft amsl at the most downstream locations adjacent the site.

All of the drainage systems except for the northern ditch are ephemeral and flow only during the wet season and following precipitation events, remaining dry from early summer through the fall. Flowing or ponded water was observed at all proposed sampling locations during the site reconnaissance in April 2007. Three sampling locations were dry by mid May at the time of sampling. These dry locations include the upstream location on the northern ditch tributary east

of the site, the ponded area near the eastern end of the site and the ponded area on the upstream end of the western drainage ditch.

2.5 CLIMATE

The climate for the Sandusky area is continental, but strongly influenced by Lake Erie. Predominantly westerly winds parallel the shoreline of Lake Erie. In a 1956 study by the National Advisory Committee for Aeronautics, the wind direction at PBOW was from the southwest approximately 55 percent of the time throughout the year (SAIC, 1991). The frequency of northerly and northeasterly winds increases during the spring and summer.

The average annual precipitation for the city of Sandusky from 1971 to 2001 is 34.46 inches (Midwestern Climate Center, 2008). The mean monthly precipitation at the U.S. Weather Bureau Station for Sandusky for the 30-year period ranged from a low of 1.72 inches for February to a high of 4.19 inches for June. The monthly average precipitation for all months is provided in Table 2-1. This table also lists the extreme high and low monthly precipitation totals for the period 1896 – 2001 and the year the extreme occurred.

Average daily temperatures for Sandusky for the 30-year period 1971 to 2001 ranged from 25.6° F in January to 73.8° F in July. Summers are moderately warm and humid, with temperatures occasionally exceeding 90° F. The monthly average maximum, minimum, and mean temperatures for all months for the period 1971 to 2001 are provided in Table 2-2. This table also lists the extreme high and low monthly mean temperatures and the year the extreme occurred for the period 1896 - 2001. Winters are cold and cloudy, with sub-zero temperatures occurring an average of five days per winter. The first freeze is typically in October with the last freeze normally occurring in April.

2.6 LAND USE

2.6.1 PBOW Land Use

Prior to acquisition of the site for construction of the PBOW, the area was largely agricultural. During construction of the PBOW, most of the forested areas were cleared. Today, second generation forests have returned to large portions of the site that are not actively used by NASA. Other undeveloped areas of the site are maintained as open fields. The surrounding area is mostly agricultural and residential.

Potential future uses of portions or all of the facility property include:

1. The continuation of NASA activities at PBOW.

2. Recreational uses such as hunting and fishing. PBOW is open to deer hunters during the hunting season.

3. Selling of portions of the site by GSA to other parties (state or local government or private individual).

4. Agricultural uses.

5. Residential uses.

6. Training area for use by National Guard Units.

7. Construction activities.

Items 3 through 7 are speculative and no negotiations have been scheduled to define future land use.

2.6.2 Acid Areas Land Use

The Acid Areas were used as early as 1941. Acid production likely ceased in 1945 when TNT production was discontinued. Previous investigation reports and records searches do not indicate dates for construction, operation, and dismantlement of the Acid Areas. Removal of buildings and above ground tanks occurred between 1958 and 1968 based on aerial photography. Buildings 302, 308, and 310 are the only remaining original structures at the site. All other buildings and tanks have been removed. NASA constructed a metal building between former Building 301 and Building 302. This building was formerly used by NASA as an incinerator, but is currently used for equipment storage. No specific future uses of this site have been identified.

3.0 INVESTIGATION PROCEDURES

This investigation included the characterization of surface soil, subsurface soil, sediment, surface water, shallow overburden groundwater, and bedrock groundwater.

The field sampling events were conducted during the following time frames:

- Soil investigation - April 18 - 20, 2007.
- Shallow piezometers installation - April 19 - 21, 2007
- Surface water sampling - May 21-22, 2007
- Sediment sampling - May 23- 25, 2007
- Bedrock well installation - June 14 - 19, 2007
- Shallow well installation – July 23, 2007
- Bedrock well development - June 20 - 21, July 24 - 25, and November 9, 2007
- Shallow well development - July 24 – 25, October 15 – 16, and November 5, 2007
- IDW characterization sampling (soil and drilling water) – July 25, 2007
- Round 1 groundwater sampling - November 6 – 9, 2007
- Round 2 groundwater sampling and slug testing - May 4 – 8, 2008.

CELRN representatives were present to observe all field investigation sampling activities, except for the groundwater sampling activities.

All field investigations were performed in accordance with the Final Site-Wide Sampling and Analysis Plan (SWSAP) (Jacobs, 2004a) and the Final Site-Specific Field Sampling Plan for AA1 (Jacobs, 2007).

3.1 COORDINATION OF SITE ACCESS AND UTILITY CLEARANCE

Site access and utility clearance for fieldwork activities were coordinated with appropriate NASA personnel. NASA personnel checked and cleared all sampling locations to identify potential buried utilities. No relocation of proposed sampling locations was required. A Digging and Excavation Permit was obtained prior to initiating subsurface investigations. A copy of the permit is provided in Appendix A.

Jacobs cleared brush and vegetation from overgrown areas at both sites, to provide access for field sampling personnel and equipment. Minor clearing of some young hardwoods and underbrush was needed at the eastern end of the site to access a few of the boreholes. All cleared growth was left on site to provide natural wildlife habitat and cover.

NASA provided storage and staging facilities for equipment and supplies and a storage facility for liquid IDW.

Jacobs and NASA coordinated the schedule for field activities to avoid conflicts among site uses and to identify access limitations to specific areas during certain portions of the fieldwork.

3.2 HEALTH AND SAFETY PROGRAM

All work was performed in accordance with the Final Site-Wide Safety and Health Plan (Jacobs, 2004c) and the Final Site-Specific Safety and Health Plan Addendum for AA1 (Jacobs 2007b). A site safety briefing/kick-off meeting was held prior to the initiation of each phase of the fieldwork, which included all Jacobs field personnel, the subcontracted drilling companies, and the on-site CELRN representatives. The briefing addressed pertinent sections of the site Health and Safety Plan, including the potential contaminants of concern and their recognition, field procedures, emergency procedures, and the type of monitoring and personal protective equipment (PPE) to be used during the fieldwork. The participants also discussed how to recognize potential contamination and the actions to be followed in the event that contamination was suspected or encountered. An additional site safety briefing for all field team members was held each morning to address specific health and safety concerns and to review health and safety protocol.

The Jacobs site manager assumed health and safety oversight responsibilities during all field activities.

Modified Level D PPE was used for most activities, which included hard hats, safety glasses, steel-toed boots, nitrile gloves, and tyvek coveralls. A photoionization detector (PID) was calibrated and zeroed to background each day and used during the soil sampling activities. PID readings above background were not observed during any of the subsurface investigations. A hydrogen sulfide meter was used during the drilling of bedrock wells and subsequent well development. Bedrock monitoring well AA1-BEDGW-003 exhibited hydrogen sulfide readings above the preset instrument alarm limits of 10 ppm; and resulted in minor delays waiting for the breathing zone to be cleared by the wind prior to resuming drilling.

The buddy system, whereby two personnel worked together at all times, was adhered to during all phases of the fieldwork, with the exception of groundwater sampling. On occasion two wells that were not immediately adjacent to one another were purged and sampled simultaneously. The buddy system was used during equipment set-up and break-down, but not during purging and sampling. No significant health and safety issues arose during the field activities.

3.3 SOIL SAMPLING PROCEDURES

Surface soil and subsurface soil sampling was performed utilizing a Geoprobe® 6620 DPT rig equipped with a Macrocore sampling device. Soil samples were collected from 23 locations (Figure 3-1). Surface soil samples were collected from 0.5 to 1.5 ft bgs at all locations. Subsurface samples were collected from either three to five ft bgs or from eight to ten ft bgs at specific locations (Table 3-1). All samples were analyzed for VOCs, SVOCs, nitroaromatics, TAL metals, and PCBs.

All soil sampling was conducted in accordance with the SWSAP (Jacobs, 2004a) and the Final Site-Specific Field Sampling Plan (Jacobs, 2007). Dedicated disposable spoons and bowls were used for each sample. Sampling equipment was cleaned prior to use; first with an alqinox

wash, then a potable rinse, and a final ASTM Type 2 DI rinse. Equipment was then individually wrapped in aluminum foil to ensure no contaminants were introduced.

The Macrocore sampler was equipped with acetate liners. VOC samples were collected directly from the sleeves using a certified pre-preserved VOC sample kit. Samples for non-VOC analysis were extruded from the sleeve and homogenized in a dedicated disposable glass bowl using a stainless steel spoon.

Drilling rods and other downhole equipment were steam cleaned between borings. New acetate liners were used for each sample.

A geologist completed a field log for each of the soil borings. Copies of the DPT boring logs are included in Appendix B.

All soil sampling locations were surveyed using conventional methods. The northing, easting, and ground elevation are listed in Appendix C and correspond to Ohio State Plane North NAD83 and elevation datum NGVD 29.

3.4 GROUNDWATER INVESTIGATION PROCEDURES

The groundwater investigation included the installation and monitoring of eight temporary piezometers, installation, development, slug testing, and sampling of monitoring wells, and sampling of existing wells. (Figure 3-1).

The piezometers were installed to determine the depth, gradient, and seasonal variability of the shallow overburden groundwater. Monitoring wells were installed to provide groundwater characterization at the site as well as upgradient and downgradient of the site. All groundwater sampling points were installed in accordance with the SWSAP. A geologist completed a field log for each of the soil borings associated with the installation of a well or piezometer (Appendix D). A detailed description of each installation follows.

3.4.1 Piezometer Installation and Water Level Measurements

Eight temporary piezometers were installed to determine shallow groundwater gradients and to determine the location of permanent shallow monitoring wells (Figure 3-1). Borings for piezometers were advanced using a Geoprobe® 6620 equipped with the macrocore sampling device. All borings were advanced to top of bedrock with continuous coring and logging of lithologic descriptions. Total depths of the piezometer borings ranged from 20.25 to 26 ft bgs. Borehole logs for the piezometers are provided in Appendix D.

Piezometers were completed with 1-inch inner diameter (ID) schedule 40 polyvinylchloride (PVC) screen and riser. Screened intervals were from the bedrock to 10 ft above bedrock. The annulus was filled with 30/60 sand pack to one ft below ground surface (bgs) and granular bentonite was used for the surface seal.

Water level measurements were collected seven times over a twelve-month period from 21 April 2007 through 2 May 2008, using a Solinst water level meter, which was decontaminated between each well reading.

3.4.2 Monitoring Well Installation

Three shallow overburden wells (AA1-GW003, AA1-GW004, and AA1-GW005) and three bedrock monitoring wells (AA1-BEDGW-002, AA1-BEDGW-003, and AA1-BEDGW-004) were installed at the site (Figure 3-1). Newly installed monitoring wells were placed to characterize up-gradient, on-site, and down-gradient groundwater. Well placement was in accordance with the proposed locations presented in the Final Site-Specific SAP (Jacobs 2007) and in accordance with the SAP Addendum submitted in May 2007 following collection of shallow groundwater level data from the temporary piezometers.

The boreholes for the shallow overburden wells were completed with 4 ¼-inch augers. Shallow boreholes were terminated at 10 feet bgs, and in all cases were terminated in clay deposits exhibiting medium to high plasticity and low permeability. In all cases the most permeable zones were located in the upper 10 ft of overburden; therefore, screens were placed as high as possible, while maintaining minimum filter pack and bentonite seal requirements. Shallow wells were completed with 2-inch ID schedule 40 PVC screens and risers. All shallow wells were completed with top of screen at 5 ft bgs and bottom of screen at 10 ft bgs, with a sand pack extending from 10 ft bgs to 1.5 ft above top of screen (3.5 ft bgs). A bentonite seal using granular bentonite was placed from top of sand pack to surface and hydrated. Because of the shallow completion, no additional annular cement was used above the bentonite seal. Additional completion details are provided in Appendix E.

The boreholes for the bedrock wells were completed using a 9" roller cone bit a minimum of five ft below top of bedrock. Six-inch steel surface casing was installed to a minimum of 5 ft into bedrock and grouted in place. Rock coring using air rotary methods was then conducted from the bottom of the surface casing. Air rotary coring was conducted with a 4 7/8-inch coring bit to total depth. Total depths of the borings ranged from 65 to 69 ft bgs. Bedrock monitoring wells were completed with 2-inch ID schedule 40 PVC screens and risers.

Additional completion details are provided in Appendix E. Photologs of the continuous rock cores are provided in Appendix H. The rock cores are stored in waxed cardboard boxes at an indoor staging facility and are available for further inspection.

3.4.3 Monitoring Well Development

Development of each well was performed with a bladder pump in accordance with procedures outlined in the Final Site-Wide SAP (Jacobs 2004a), with the exception of monitoring wells AA1-GW005 and AA1-BEDGW-002. Water quality parameters were monitored with a Horiba U22XD equipped with a flow-thru cell. Required purge volumes and water parameter stabilization was achieved for all wells but AA1-GW-005, AA1-BEDGW-002, and AA1-BEDGW-003.

Monitoring wells AA1-GW005 and AA1-BEDGW-002 were developed with a disposable bailer and did not include water quality parameter measurements. These wells did not have adequate water columns or well yields to accommodate standard purging and water quality monitoring. Purging of AA1-BEDGW-003 was suspended due to health and safety concerns related to hydrogen sulfide gas. As the water column was lowered, the hydrostatic pressure holding back the gas in the formation was reduced. The pressure of the gas in the well eventually became greater than the weight of the water column, which resulted in groundwater being expelled from the well.

Turbidity readings of less than 100 nephelometric turbidity units (NTU) was achieved for all wells, with readings approaching 20 NTU for all wells but AA1-BEDGW-003. The development water from AA1-BEDGW-003 was clear; however, the hydrogen sulfide gas emitting from this well interfered with the turbidity readings as gas bubbles collected on the instrument surfaces inside the flow thru-cell. The turbidity readings would drop dramatically after tapping the flow-thru cell to dislodge the bubbles. Well development records are presented in Appendix F. Measured depths provided on the development forms are from top of casing.

3.4.4 Slug Testing

Slug tests were performed on all newly installed monitoring wells with the exception of AA1-BEDGW-002 and AA1-BEDGW-003. A stainless steel slug measuring 36 inches long and 1.5 inches in diameter was used for all tests. Pressure transducers with built in data loggers were used to monitor water levels during the tests. Rising head and falling head tests were performed at each well. Water levels were allowed to equilibrate following equipment installation and before initiating the falling head test. Likewise, water levels were allowed to equilibrate following the falling head test prior to initiating the rising head test. Slug test results are provided in Appendix I.

Slug testing was not performed at AA1-BEDGW-002 due to insufficient water column or at AA1-BEDGW-003 due to erratic water levels associated with the continuous bubbling of hydrogen sulfide. The water readings in AA1-BEDGW-003 would vary by as much as 3 feet as the gas lifted the upper portion of the water column.

3.4.5 Monitoring Well Sampling

Groundwater samples were collected from ten monitoring wells at or near AA1. These ten wells included the six newly installed wells and four existing wells at or near AA1. The existing wells included shallow monitoring wells AA1-GW002 and MK-MW19, and bedrock wells AA1-BEDGW-001 and MNTA-BEDGW-001 installed between 1993 and 1997 (Figure 3-1). Two rounds of groundwater sampling were performed, one during dry season November 6 – 9, 2007, and the other during wet season May 4 – 8, 2008. Prior to initiating sampling activities, water levels were measured in all monitoring wells and piezometers.

Groundwater samples from each monitoring well were analyzed for VOCs, SVOCs, PCBs, nitroaromatics, target analyte list (TAL) metals (unfiltered), TAL metals (filtered – Round 1 only), cyanide, total organic carbon, turbidity, alkalinity, total suspended solids, total dissolved solids, nitrate, chloride, sulfate, and hardness. The filtering of metals was performed in the field, using disposable 0.45-micron in-line filters. In addition iron (Fe^{++}) and manganese (Mn^{++}) were analyzed in the field using Hach test kits. Water quality parameters were also monitored during purging and after sampling using a Horiba U22XD equipped with a flow-thru cell. Water quality parameters included temperature, pH, dissolved oxygen, oxidation reduction potential, specific conductance, and turbidity, which were recorded on the well sampling forms provided in Appendix G.

Purging and sampling of the wells was performed with a bladder pump using low-flow methods, whereby pumping rates were set at a level that maintained static water levels or slightly increasing water levels during sampling. The pump was lowered into the well slowly to minimize suspension of sediments while setting the pump intake slightly above the center of the screen.

Purge volume and water parameter stabilization requirements, as specified in the Final Site-Wide SAP (Jacobs 2004a), were achieved for all wells sampled by low-flow methods.

Several wells exhibited conditions that did not allow for low-flow sampling, required purge volumes, and/or water parameter stabilization. Monitoring well AA1-GW004 exhibited well yields too low to perform purging and sampling at low-flow rates within a 10-hour period, during the round one dry season sampling only. This well was pumped dry and allowed to recover overnight. Additional purging and water parameter measurements were attempted the following day, prior to sampling; however, the water level dropped below the top of the pump within 10 minutes. It was decided to collect the samples without further monitoring to ensure full sample aliquots. During the wet season sampling the water column was significantly higher and the well had sufficient yields to allow for low-flow sampling.

Monitoring well AA1-GW005 was sampled with a disposal bailer during both sampling events. During the dry season sampling event in November 2007 there was not sufficient water column to collect the full suite of samples. A bladder pump was not used because of concern that most of the available water would be spent in purging the lines. Sample analysis not performed during this round included SVOCs, PCBs, explosives, dissolved metals, and cyanide. During the wet season sampling event in May 2008, low flow sampling was attempted with a bladder pump; however, the water level continued to drop too quickly. The well yield was calculated at 10 ml/min. The well was purged dry and sampled two days later after sufficient water column had recovered to allow for collection of the full suite of analytes.

Monitoring well AA1-BEDGW-002 was also sampled with a bailer during the wet season event, due to limited water column and very low well yields. This well was not sampled in November 2007 during the dry season event. Up until that point the well had not been developed due to insufficient water column. It was unclear whether this well would yield enough water to warrant any further efforts. After several rounds of water level measurements, the water level had risen sufficiently to support a full suite of analytes. During the dry season sampling event the water was purged from the well using a bailer to serve as a limited development of the well. The water column was allowed to recover until sampling in May 2008. No further purging was conducted prior to collecting the samples in May 2008.

Monitoring well MNTA-BEDGW-001 was sampled prior to meeting purge volume requirements or water parameter stabilization due to low well yields. During purging, the well yield was calculated at less than 3 ml/min. At this rate, had the well been purged dry, the recovery time would have been several days. A field decision was made to collect the samples without meeting the purge volume or water parameter stabilization requirements.

Monitoring well AA1-BEDGW-003 was also sampled prior to meeting purge volume requirements or water parameter stabilization due to unsafe conditions related to the high volume of hydrogen sulfide gas emissions and the spewing of groundwater from the well as the hydrostatic head was reduced during drawdown. The well also exhibited low yields which caused drawdown to be unavoidable.

Turbidity readings for many of the bedrock wells were often inaccurate due the accumulation of H_2S bubbles on the inside of the flow-thru cell. In most cases the water appeared very clear. Another factor affecting the turbidity of the bedrock groundwater was a chemical reaction that took place as the water was exposed to the atmosphere, resulting in a cloudy green

pigmentation that formed in the purge bucket after several minutes. Temperature readings were not considered for water parameter stabilization, due to the gradual change in ambient temperatures throughout the day. Purge and sampling records are provided in Appendix G.

3.4.6 Survey of Well Locations

All monitoring wells were surveyed using conventional methods, which included measuring the elevation at top of casing. The northing, easting, and elevation of top of casing for each monitoring well are listed in Appendix C and correspond to Ohio State Plane North NAD83 and elevation datum NGVD 29.

3.5 SURFACE WATER AND SEDIMENT INVESTIGATION PROCEDURES

Four drainage ditches originate from or border the AA1 site: one on the southern perimeter of the site, two originating on the western portion of the site and draining to the west, and one major drainage feature originating in the center of the site and draining to the north (Figure 3-1). This northern drainage ditch includes a tributary originating east of the site and which drains to the northwest bisecting the northeast corner of the site. A fifth area was identified as a low-lying ponded area near the eastern end of the site, but has no drainage outlet.

An Addendum to the Final Site-Specific SAP (Jacobs 2007) was submitted, with proposed surface water and sediment sampling locations, based on a thorough reconnaissance of the site. The specifics of each sampling task are discussed below.

3.5.1 Surface Water Sampling

Surface water sampling included 12 samples from four drainage ditches. For each drainage ditch, at least one sample was proposed up-gradient of the site, one on-site or adjacent to the site, and one downgradient of the site (Figure 3-1). Three locations were not sampled because of dry conditions. These locations include the up-gradient ponded area on the west side of the site (SW-06), the ponded area on the east side of the site (SW-13), and the up-gradient location of the eastern tributary to the northern ditch (SW-15).

All sample locations were positioned as close to the center of the channel as possible, while avoiding sediment disturbance. All surface water samples were analyzed for VOCs, SVOCs, PCBs, nitroaromatics, and TAL metals. Surface water samples were collected by direct filling. For locations where water depth did not permit complete submersion of the sample container, an unpreserved sample jar was used to transfer water to the sample containers. All VOC and metals samples were collected by the transfer method to avoid loss of preservatives.

All surface water samples were collected during base flow conditions. No major precipitation events had occurred within 24 hours prior to sampling. Surface water at all locations exhibited low turbidity.

The surface water sampling locations were staked and surveyed for later reference for the sediment sampling.

3.5.2 Sediment Sampling

Sediment sampling was performed May 22-24, 2007 at all of the 15 proposed locations, co-located with the surface water samples. All sample locations were positioned in the center of the channel in accordance with the SAP to ensure collection of transported and deposited material as opposed to in place soil. All sediment samples were analyzed for VOCs, SVOCs, PCBs, nitroaromatics, and TAL metals.

Sediment samples were collected with a hand auger equipped with dedicated disposable stainless steel sleeves. VOC samples were collected directly from the sleeve using a certified pre-preserved VOC sample kit. Samples for non-VOC analyses were extruded from the sleeve and homogenized in a dedicated disposable glass bowl using a stainless steel spoon.

Dedicated disposable spoons and bowls were used for each sample. Sampling equipment was cleaned prior to use; first with an alqinox wash, then a potable water rinse, and a final rinse with ASTM Type 2 DI water. Equipment was then individually wrapped in aluminum foil to ensure no contaminants were introduced. The hand auger was decontaminated between each sample using the standard alqinox wash, potable rinse, and final ASTM Type 2 DI rinse.

3.6 SAMPLE PACKAGING, SHIPPING, AND DOCUMENTATION

Sample packaging, shipping, and documentation procedures described in the Site-Wide Sampling and Analysis Plan (SAP) (Jacobs 2004a) were followed during the field investigation of the Acid Areas. Samples were packaged and shipped to the analytical laboratories via Federal Express. Chain of custodies were completed and maintained throughout the collection, shipping and laboratory analysis phase.

3.7 EQUIPMENT DECONTAMINATION

The procedures and processes, as defined in the Site-Wide SAP (Jacobs, 2004a) for equipment decontamination were strictly adhered to during all sample collection activities.

The downhole DPT equipment was pressure-washed and steam-cleaned prior to and between each borehole location. Sample-specific equipment such as mixing bowls and mixing spoons were decontaminated prior to use and disposed after collection of each sample.

All drilling equipment used to install the groundwater monitoring wells was steam-cleaned prior to the start of drilling, between each borehole and at the conclusion of final borehole installation, prior to releasing the equipment from the site.

Small reusable hand tools such as hand augers, water level meters, bladder pumps, pressure transducers, well slugs, and associated cables and lines were decontaminated between each sampling location. Sampling equipment was cleaned using the standard three-step process: first with an alqinox wash, then a potable rinse, and a final ASTM Type 2 DI rinse.

3.8 HANDLING OF INVESTIGATION-DERIVED WASTES

All soil and liquid IDW was containerized and labeled according to contents, origin, and sampling activities. Soil IDW and drilling water was staged at the west end of the site, while liquid IDW associated with groundwater sampling was transported to an indoor facility with freeze protection. Characterization sampling was performed for all IDW prior to transportation and disposal at an approved off-site facility. Details regarding IDW management are presented below.

One 55-gallon drum of soil cuttings and three 55-gallon drums of decontamination water were generated during the DPT soil boring and piezometer installation activities. A total of 11 drums of soil and rock cuttings were generated during the well installation activities. A total of 11 drums of drilling water and 4 drums of decontamination water were generated during the well installation activities. Two drums of purge water were generated during well development activities. Three drums of purge water and decontamination water were generated during groundwater sampling.

IDW characterization sampling for soil boring, well installation, and well development activities was performed on 25 July 2007. A total of four soil samples and one water sample were collected. Each soil sample represented a composite of soil samples from multiple drums associated with specific locations. All composite soil samples included a small amount of material from each container, which was homogenized in a glass bowl with a stainless steel spoon. Composite water samples were obtained by collecting equal amounts of water from each of the drums using a glass Watera Tube. These representative samples were then dispensed into an empty container that originally contained ASTM Type 2 DI water. Sample bottles were then filled from the composite container. Sample composition was as follows:

- Sample 1 – composite from soil borings, piezometers, and shallow wells (2 drums)
- Sample 2 – composite from AA1-BEDGW-002 (4 drums)
- Sample 3 – composite from AA1-BEDGW-003 (3 drums)
- Sample 4 – composite from AA1-BEDGW-004 (3 drums)
- Sample 5 – composite of all drilling water, purge water, and decon water (20 drums)

An additional liquid IDW sample was collected 9 May 2008 to characterize the purge water and decontamination water associated with the two rounds of groundwater sampling. Results for all IDW characterization indicate the waste is non-hazardous.

IDW samples were packaged and shipped to an off-site laboratory. Soil IDW was analyzed for toxicity characterization leaching potential (TCLP) VOCs, TCLP SVOCs, TCLP metals, ignitability, corrosivity, and reactivity. Liquid IDW was analyzed for VOCs, SVOCs, metals, ignitability, corrosivity, and reactivity. Sample results indicated all IDW was considered non-hazardous.

IDW was transported from the site on 28 August 2007. Liquid IDW generated during the groundwater sampling events is currently staged at an indoor facility awaiting transportation and disposal.

3.9 ANALYTICAL LABORATORY ANALYSIS AND DATA EVALUATION

The following sections describe the analytical methods, the data evaluation, and discuss the limitations of the data. Attachment 2 to the Chemical Data Quality Reports, included as Appendix J, contains a complete listing of the primary laboratory results and qualifiers applied as part of the data evaluations. Appendix K contains Chemical Quality Assurance Reports which provides an evaluation of the Quality Assurance (QA) sample results and comparison to the associated primary results.

3.9.1 Laboratory Analysis

The Acid Area 1 RI included surface soil, subsurface soil, sediment, surface water, and groundwater sampling. Laboratory analyses conducted for all media are presented in Attachment 1 of the associated Chemical Data Quality Reports.

Empirical Laboratories located in Nashville, TN performed the VOC, SVOC, nitroaromatic, PCB, and metals analyses for the primary samples. TestAmerica Chicago (formerly Severn Trent Laboratories) performed the VOC, SVOC, nitroaromatic, PCB, and metals QA analyses.

All the laboratories provided complete data packages including the laboratory quality control documentation and raw data required by the SAP (Jacobs 2004b). Each data package included a case narrative describing the analytical methods used and documenting any quality control problems encountered.

3.9.2 Evaluation of Laboratory Data

3.9.2.1 Data Quality Assessment

Jacobs evaluated 100 percent of the primary sample data collected in support of the Acid Area 1 RI. The data evaluations were performed in accordance with the requirements of the Site-wide SAP (Jacobs 2004), and guidance provided in the Louisville Chemistry Guideline (LCG), Revision 5, June 2002. The Chemical Data Quality Reports summarizing the Jacobs' data evaluation in terms of precision, accuracy, representativeness, comparability, and completeness are provided as Appendix J. The qualifiers applied as part of the data evaluation are defined in Section 2.0 of the Chemical Data Quality Report and the limitations implied by the qualification should be considered when reviewing the data.

3.9.2.2 Chemical Quality Assessment Report

QA samples were collected at a frequency of ten percent and analyzed for the same parameters as the primary samples. An independent team from the Jacobs Denver office provided third party evaluation of the QA data. The Chemical Quality Assessment Reports were prepared in accordance with the requirements of the SAP (Jacobs 2004b) and the guidance of "Chemical Quality Assurance for HTRW Projects" (USAEC HTRW-CX 1997). The reports summarize the details of the third-party evaluation which is provided in Appendix K.

3.9.3 Data Limitations

There were no significant data limitations noted for the data collected from the various sampling events at Acid Area 1. Minor quality control (QC) deficiencies were present that resulted in data qualification as reported in the Chemical Data Quality Reports included as Appendix J. The data reported were found to be acceptable with the required qualifications. The data is definitive and acceptable for the intended data usages.

3.10 DATA SCREENING

EPA Region 9 Preliminary Remediation Goals (PRG) are used to determine contaminants of potential concern (COPCs). The analytical data has been evaluated using these PRGs as a screening tool to reduce the list of detected chemicals to those warranting further consideration. PRGs are not being used as a regulatory level, nor a substitute for a risk assessment.

PRGs are calculated using toxicity data and standard risk-assessment exposure scenarios to derive concentrations of fixed levels of risk. The PRGs correspond to either a hazard quotient of 1 or an excess lifetime cancer risk of 10^{-6}, whichever is the lower concentration. The cancer risk of 10^{-6} reflects the lower end of the target risk range as defined in the National Contingency Plan (EPA, 1990). Non-carcinogenic PRGs were divided by a factor of ten to account for potential cumulative effects from multiple compounds. Chemicals present in environmental media at concentrations below the PRGs are not expected to contribute significantly to total site risk.

4.0 SOIL INVESTIGATION RESULTS

Previous investigations at Acid Area 1 confirmed the presence of soil contamination due to former PBOW operations. The objective of the soil investigation conducted under this RI was to evaluate the presence of soil contamination at additional former site facilities, not previously tested. Results from this study as well as data obtained during the 1998 SI are presented below.

4.1 DISTRIBUTION OF CONTAMINANTS IN SOIL AT ACID AREA 1

4.1.1 Surface Soil

A total of 38 surface soil samples have been collected at AA1, which includes 15 samples collected during the 1998 SI and 23 samples collected during this RI. Contaminants detected include VOCs, nitroaromatics, SVOCs, PCBs, and metals (Tables 4-1 and 4-2). Specific compounds exceeding the USEPA Region 9 Residential PRGs (October 2004) and established background values for inorganics (IT, 1998) include the following:

- Benzo(a)pyrene – 6 locations
- Benzo(a)anthracene - 1 location
- Benzo(b)fluoranthene – 1 location
- Dibenz(a,h)anthracene – 1 location
- Indeno(1,2,3-cd)pyrene – 1 location
- PCB-1254 (Aroclor 1254) – 20 locations
- PCB-1260 (Aroclor 1260) – 24 locations
- Lead – 17 locations
- Antimony – 1 location
- Vanadium – 1 location

Distributions and concentrations of contaminants in the surface soil exceeding the PRGs are presented in Figure 4-1.

4.1.2 Subsurface Soil

A total of 37 subsurface soil samples have been collected from 37 locations at AA1, which includes 15 samples from 15 locations during the 1998 SI and 22 samples from 22 locations during this RI. Sample depths for the 1998 SI ranged from two to ten ft bgs (Table 1-1). Depths for the 2007 RI samples were limited to the three to five ft interval and the eight to ten foot

interval (Table 3-1). Contaminants detected include VOCs, SVOCs, PCBs, and metals (Tables 4-3 and 4-4). Specific compounds exceeding the USEPA Region 9 Residential PRGs (October 2004) and established background values for inorganics (IT, 1998) include the following:

- Benzo(a)pyrene – 1 locations
- Tetrachloroethene – 1 location
- Trichloroethene – 1 location
- PCB-1254 (Aroclor 1254) – 2 location
- PCB-1260 (Aroclor 1260) – 2 locations
- Aluminum – 6 locations
- Cadmium – 1 location
- Lead – 2 locations
- Vanadium – 3 locations

Distributions and concentrations of contaminants in the subsurface soil exceeding the PRGs are presented on Figure 4-2.

5.0 GROUNDWATER INVESTIGATION RESULTS

The objective of this groundwater investigation was to characterize the shallow and bedrock aquifers and to evaluate the presence of chemical contamination in groundwater in the vicinity of Acid Area 1. Results from this study are presented below.

5.1 SITE-WIDE GROUNDWATER FLOW CHARACTERIZATION

Water level data were used to generate groundwater elevation contour maps, which were useful in determining gradients and flow direction for the shallow overburden aquifer (Figure 5-2). A groundwater elevation contour map for the bedrock aquifer at AA1 was not generated because of limited data. Monitoring wells AA1-BEDGW-001 and AA1-BEDGW-004 were the only bedrock wells with representative data, however both are located on the northern down-gradient side. Monitoring well AA1-BEDGW-002 did not recover adequately within the timeframe of the investigation to provide any representative data. Monitoring well AA1-BEDGW-003 exhibited radically fluctuating water levels due to the hydrogen sulfide gas and also provided no representative data. Site-wide bedrock groundwater contour maps provided in the 2004 Groundwater Data Summary and Evaluation Report (Shaw 2005) have been used to evaluate bedrock groundwater gradients at AA1.

5.1.1 Groundwater Flow Within the Overburden

Water level measurements were collected from eight temporary piezometers. A total of seven measurements were collected over a period of twelve months from 21 April 2007 through 2 May 2008. Piezometer hydrographs show water levels measurements the highest in May 2008 (Figure 5-1). There were no earlier measurements in 2008 to evaluate the peak groundwater highs, traditionally achieved in late winter to early spring.

Shallow groundwater at AA1 generally flows west to northwest, however the drainage ditches also influence the shallow groundwater flow (Figure 5-2). Shallow groundwater levels observed from the piezometers and monitoring wells range from 2.6 to 9.5 ft bgs (Table 5-1).

5.1.2 Groundwater Flow in Bedrock

Water level measurements were collected from four bedrock wells at AA1 and from one well located within the maintenance area north of the site. The up-gradient and on-site wells AA1-BEDGW-002 and AA1-BEDGW-003 did not provide any useful data, as mentioned above. The site-wide bedrock groundwater contour map provided in the 2004 Groundwater Data Summary and Evaluation Report (Shaw 2005) was used to evaluate gradients and flow patterns. Based on these maps, bedrock groundwater at AA1 flows to the west / northwest. This map shows a linear feature on a regional scale, running northeast-southwest through PBOW, in the vicinity of AA1, which acts as a preferential flow path (Shaw, 2003). This feature is parallel to the bedrock strike and may represent a fracture system and/or karst development. Groundwater elevations drop steeply toward this zone on either side. The AA1 site is located approximately 1000 ft southeast of the axis of this feature.

5.2 GROUNDWATER QUALITY

Two rounds of groundwater samples were collected from the shallow and bedrock monitoring wells. Groundwater data was also collected in 1997 and 1998 from the two existing on-site monitoring wells AA1-GW002 and AA1-BEDGW-001.

5.2.1 Shallow Groundwater

Contaminants detected in shallow groundwater include explosives, VOCs, SVOCs, and metals (Tables 5-2 and 5-3). The organic detections are limited to a few locations and a few compounds. The SVOC detection is limited to bis(2-ethylhexyl)phthalate, which was detected in monitoring well AA1-GW003 during Round 1 only. The explosive detection is limited to 1,3-dinitrobenzene in monitioring well AA1-GW002 during Round 1 only. This detection was J-flagged because the detection is between the reporting limit and the detection limit, indicating that the detections are estimated and the associated numerical values are the approximate concentrations of the respective analytes in the samples.

The VOCs detected at monitoring well AA1-GW-002 include carbon disulfide detected in 1997 and 1998, and trichloroethene (TCE) in 1998 in the duplicate sample only. No VOCs were detected in the 2007 and 2008 samples.

VOC's detected in AA1-GW003 included acetone, which was J-flagged both rounds and 1,1,1-trichloroethane, which was also J-flagged and detected in Round 1 only.

VOC's detected in AA1-GW004 include chloromethane during round 1 only and acetone during round 2 only. Both detections were J-flagged.

VOC's detected in AA1-GW005 was limited to acetone during round 1 only. This detection was also J-flagged.

Contaminants in shallow groundwater which exceed the PRGs are presented in Figure 5-3 and are limited to:

- Manganese (all four wells)
- Iron (AA1-GW002 and AA1-GW005)
- Arsenic (AA1-GW002 and AA1-GW005, both round 1 only, non-detect round 2)
- Thallium (AA1-GW002 and AA1-GW003, both round 1 only, non-detect round 2)
- Vanadium (AA1-GW005, round 1 only, non-detect round 2)

5.2.2 Bedrock Groundwater

Contaminants detected in bedrock groundwater during two rounds of sampling include VOCs, nitroaromatics, SVOCs, and metals (Tables 5-4 and 5-5). Organic compounds are present at all bedrock locations and include numerous VOCs and SVOC's associated with naturally occurring petroleum. Explosives compounds detected in both rounds are limited to 2,4,6-trinitrotoluene and RDX, both detected in AA1-BEDGW-001 only, however the RDX values are J-flagged because the detection is between the reporting limit and the detection limit.

SVOCs detected in both rounds are limited to Napthalene and 2-methylnapthalene, both found in naturally occurring petroleum and detected in all four on-site bedrock monitoring wells.

VOC's detected in all of the bedrock monitoring wells includes benzene, cyclohexane, ethylbenzene, isopropylbenzene, methylcyclohexane, toluene, and xylene. Trichloroethene (TCE) was detected in monitoring well AA1-BEDGW-004 during round 1 only and the detection was J-flagged.

Given the highly reducing conditions in ground water present in bedrock (and assumed to be present in shallow ground water as well), the manganese, iron, arsenic, and vanadium are all most likely the result of reductive dissolution from aquifer materials. Arsenic and vanadium frequently associate with iron oxyhydroxides, and dissolution of iron compounds frequently releases arsenic (and potentially vanadium if present in the aquifer solids). The green cloudy material that formed in the well purge water was most likely iron oxidized by exposure to the atmosphere. Strongly reducing conditions are common with petroleum, and also mobilize (solubilize) iron and manganese.

Bedrock monitoring wells with contaminants exceeding the USEPA Region 9 Residential PRGs (October 2004) and established background values for organics and inorganics are presented on Figure 5-3 and are as follows:

- AA1-BEDGW-001
  - 2,4,6-Trinitrotoluene (Round 1 only, J-flagged)
  - 2-Nitrotoluene (Round 1 only, J-flagged, not detected in Round 2)
  - RDX (Rounds 1 and 2, J-flagged)
  - Benzene (Rounds 1 and 2)
  - Xylene (Rounds 1 and 2)
  - Napthalene (Rounds 1 and 2)
  - Cyanide (Round 1, J-flagged, not detected in Round 2
  - Manganese (Round 1 only)
  - Thallium (Round 1 only)
  - Vanadium (Round 1 only)

- AA1-BEDGW-002
  - RDX (Round 2, J-flagged, Round 1 not sampled)
  - Nitrobenzene (Round 2, J-flagged, Round 1 not sampled)
  - Benzene (Round 2, Round 1 not sampled)
  - Ethylbenzene (Round 2, Round 1 not sampled)
  - Toluene (Round 2, Round 1 not sampled)
  - Xylene (Round 2, Round 1 not sampled)

Napthalene Round 2, Round 1 not sampled)
Arsenic (Round 2, Round 1 not sampled)

- AA1-BEDGW-003 Benzene (Rounds 1 and 2)
  Xylene (Rounds 1 and 2)
  Napthalene (Rounds 1 and 2)
  Thallium PCE (Round 1 only, J-flagged, not detected in Round 2)

- AA1-BEDGW-004 1,4-Dichlorobenzene (Round 1 only, J-flagged, not detected Round 2)
  Benzene (Rounds 1 and 2)
  Toluene (Rounds 1 and 2)
  Xylene (Rounds 1 and 2)
  Napthalene (Rounds 1 and 2)
  TCE (Round 1 only, J-flagged, not detected round 2)
  Thallium (Round 1 only, J-flagged, not detected in Round 2)

5.3 AQUIFER CHARACTERISTICS

Slug test data was used to determine hydraulic parameters for the shallow and bedrock aquifers. Hydraulic conductivities for each well were calculated using the Bouwer-Rice Method and AQTESOLV software. An anisotropy ratio of 0.5 was assumed. Saturated thickness for the shallow groundwater aquifer was assumed to be equivalent to the height of the water column. Saturated thickness for the bedrock wells was estimated at 60 ft. Various anisotropy values and saturated thickness values were used for experimental purposes to evaluate the range in results. A range of anisotropy values from 0.2 to 1 resulted in a minimal change of 2.5E-05 centimeters per second (cm/sec), while a range of saturated thickness values from 16.5 to 50 ft resulted in a change of 2.0E-05 cm/sec. All results were within the same order of magnitude.

Hydraulic conductivities calculated for the shallow overburden are 9.1E-04 cm/sec at AA1-GW003, 1.8E-04 at AA1-GW004, and 5.3E-03 cm/sec at AA1-GW005. The hydraulic conductivity for the bedrock well AA1-BEDGW-004 is 3.5E-06 cm/sec. Slug test data, log plots, and calculation sheets are provided in Appendix I.

6.0 SURFACE WATER AND SEDIMENT INVESTIGATION RESULTS

Twelve surface water and 15 sediment samples were collected from the drainage ditches on 21 May through 24 May, 2007. Locations are presented on Figures 3-1.

6.1 DISTRIBUTION OF CONTAMINANTS IN SURFACE WATER

Contaminants detected in surface water at AA1 include VOCs, SVOCs, nitroaromatics, and metals (Tables 6-1 and 6-2). Specific compounds exceeding the USEPA Region 9 Residential PRGs (October 2004) for drinking water include the following:

- Iron - 9 locations
- Manganese – 10 location
- Arsenic – 3 locations
- Thallium – 2 locations, J-flagged
- Aluminum – 1 location
- Vanadium – 1 location
- Trichloroethene – 2 locations
- Carbon tetrachloride – 1 location, J-flagged

Trichloroethene exceeded the PRGs at both locations in the northern drainage ditch (SW-11 and SW-12) approximately 200 ft. down-gradient of soil boring SB-33, which also had TCE and PCE contamination exceeding the PRGs. In addition other chlorinated hydrocarbons were detected in these two samples from the northern drainage ditch. Distributions and concentrations of metals and organic compounds exceeding the PRGs in surface water are presented in Figure 6-1.

6.2 DISTRIBUTION OF CONTAMINANTS IN SEDIMENT

Contaminants detected in sediment at AA1 include VOCs, SVOCs, nitroaromatics, PCBs, and metals (Tables 6-3 and 6-4). Specific compounds exceeding the USEPA Region 9 Residential PRGs (October 2004) for soil and established background values for inorganics in soil include the following:

- PCB (aroclor 1260) – 5 locations
- PCB (aroclor 1254) – 4 locations
- Benzo(a)pyrene – 6 locations

- Lead – 2 locations
- Alluminum – 5 locations
- Vanadium – 1 location
- Nickel – 1 location
- N-Nitroso-di-n-propylamine – 1 location

Distributions and concentrations of metals and organic compounds exceeding the PRGs in sediment are presented in Figure 6-2.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The results of this investigation indicate that contaminants exceeding the USEPA Region 9 Residential PRGs (October 2004) are present at AA1. Sufficient soil data have been collected to support a risk assessment. Sufficient data have also been collected to evaluate impacts to the surface water, sediment in the drainage ditches and groundwater at AA1. Additional investigation will be required to fully delineate the extent of contamination in the soil.

7.1 SOIL INVESTIGATION

A total of 75 soil samples have been collected from the AA1 site during the 1998 SI and the 2007 - 2008 RI. Contaminants exceeding the USEPA Region 9 Residential PRGs (October 2004) are primarily limited to surface soil (Figures 4-1 and 4-2). Twenty eight of the 38 samples collected from the surface of AA1 contained PCBs, lead, and or benzo(a)pyrene at concentrations exceeding the PRGs (Figure 4-1), whereas only four of the 38 subsurface soil samples exceeded the PRGs for these contaminants (Figure 4-2).

PCBs represent the most common contaminant at the site. Eighty-two percent of the surface soil samples contain PCBs. The highest concentrations of PCBs tend to occur within the footprint of the former storage tanks. Elevated concentrations are also found around the footprint of the former process buildings.

PAH contamination is present in the surface soil at less than one third of the locations and exceeds the PRGs at only 6 of the 38 locations. The highest concentrations tend to be around the perimeter of the former tanks and buildings however most of the sample locations are biased towards these former facilities. There is no direct correlation between the PAH contamination and PCB concentrations, as half of the PAH exceedances are at locations with lower PCB concentrations.

Lead contamination exceeding the PRGs and background values is present in the surface soil at 45% of the locations. There is fairly good correlation between the PCB contamination and elevated lead concentrations, as all but three of PRG exceedances for lead are co-located with the locations with the highest PCB concentrations. Soil boring SB-25 has the highest concentration of lead at 770 mg/kg and the highest concentration of PCBs at 24,000 ug/Kg.

Subsurface soil contamination is minimal and is primarily limited to metals, such as aluminum, vanadium, and cadmium. In addition most of the PRG exceedances are limited to the 3 – 5 ft interval. There are two locations with PRG exceedances for lead but the values are only slightly higher than the background values. There are two locations with PRG exceedances for PCBs, both of which coincide with two of the highest PCB concentrations in the surface soil.

Only two locations have contaminants exceeding the PRGs at the 8 – 10 ft interval, one location for aluminum and the other location (SB-33 at Building 302) for trichloroethene (TCE) and tetrachloroethene (PCE). Other chlorinated hydrocarbons such as 1,1,1-trichloroethane; 1,1,2-trichloroethane; 1,1-dichloroethane; 1-1-dichloroethene; and 1,2-dichloroethane were also detected at this location and at sample locations surrounding building 302, as well as in the downgradient surface water (Figure 7-1).

7.2 GROUNDWATER INVESTIGATION

Groundwater characterization included seven rounds of water level measurements from temporary piezometers and permanent monitoring wells, aquifer testing of all newly installed wells, and two rounds of groundwater sampling. Groundwater has been adequately characterized at the site.

Based on analytical data, the primary contaminants in soil; PCBs, lead, and benzo(a)pyrene, were not detected in the shallow or bedrock groundwater. The only contaminants exceeding the PRGs in shallow groundwater, during both rounds of sampling, are limited to iron and manganese. The high concentrations of iron and manganese are most likely the result of reductive dissolution of these metals from site soils.

Compounds exceeding the PRGs in bedrock groundwater include all four BTEX compounds and Napthalene, all associated with naturally occurring petroleum. The only other organic compounds exceeding the PRGs and detected in two rounds of sampling are limited to 2,4,6-trinitrotoluene and RDX, which were detected in the existing monitoring well AA1-BEDGW-001. Risks associated with groundwater exposure are assessed in the Baseline Human Health Risk Assessment of Groundwater Report for Plum Brook (Shaw, 2006). Further characterization of the groundwater is not warranted. Sufficient data has been collected from the shallow groundwater to indicate that this unit does not yield sufficient volume to be a viable groundwater source.

7.3 SURFACE WATER AND SEDIMENT INVESTIGATION

A total of 12 surface water samples and 15 sediment samples were collected at AA1. Site contaminants found in the soil at AA1 which are also present in the surface water are limited to TCE, which was detected at locations SW-11 and SW-12 (Figure 7-1). TCE exceeds the PRGs for drinking water at these two locations on the northern drainage ditch. Surface water sampling location SW-11 is located approximately 200 feet down-gradient from the TCE soil contamination at Bldg 302.

Site contaminants found in the soil at AA1 which are also present in the sediment include PCBs, benzo(a)pyrene, and lead. PCBs were detected in all of the sediment samples, with six locations exceeding the PRGs. The PRG exceedances include both locations on the northern drainage ditch, the downstream locations on the two western drainage ditches, and the two on-site wet season ponded areas. PCB concentrations are highest on-site and decrease in the downstream direction.

PAHs were found in all but four of the sediment samples. Benzo(a)pyrene concentrations exceed the PRGs at six of the 15 locations. These exceedances include all three locations on the southern drainage ditch, the two on-site wet season ponded areas, and the ponded area at the northwest corner of the site. The highest concentration is at the most upstream location on the southern drainage ditch SW-10 (Figure 6-2).

Lead concentrations exceed the PRGs at only two locations; SW-11 on the northern drainage ditch and SW-06 at the western most on-site wet season ponded area. Concentrations of lead in the sediment are considerably less than the concentrations found in the surface soils and are minimally above the background values.

7.3.1 Sediment Contaminant Sources and Mobilization

The mobilization of contaminated soil may have occurred due to the processes in place at the facility. Based on the site process descriptions for the Volunteer Army Ammunition Plant, neutralized acid waste was discharged into an acid neutralizing pit, then transferred to a holding pond, and eventually discharged into a ditch. Drainage grates are also present at the surface which could have allowed contaminated soil to be easily transported to the drainage ditches during storm runoff.

7.4 CONCEPTUAL SITE MODEL

The Conceptual Site Model (CSM) for Acid Area 1 is based on information collected during the 1991 PA, 1995 records review, the 1998 SI, and the 2007-2008 RI. Sufficient data have been collected to develop a facility profile, physical profile, release profile, and land use and exposure profiles. Collection of ecological data was not within the scope of these investigations; therefore, data are not available for the development of an ecological profile.

The facility profile addressing site structures, physical boundaries, and current and historical processes, is presented in Sections 1.0 and 2.0 of this document. The primary source of contamination at the site is surface soil in the vicinity of former buildings and storage tanks. Contaminants present in the surface soil include PCBs, benzo(a)pyrene, lead, and TCE. Another source of contamination is the sediment in the ditches. Contaminants present in the sediment include PCBs, benzo(a) pyrene, and lead. The highest concentrations of PCBs and lead are found in the vicinity of the former storage tanks.

The physical profile addressing topographic features, vegetation, surface water features, geology, and meteorological data, has been presented in Section 2.0 of this document. Additional geologic, hydrologic, and hydrogeologic data was collected during this investigation, as presented in Sections 4.0, 5.0, and 6.0. Major components of the physical profile are the intermittent silts in the upper portion of the overburden and the clay layer in the bottom half of the overburden. These two units control the movement of shallow groundwater at the site. The storm sewer system is another major feature affecting the flow of shallow groundwater, because it serves to drain the center of the site. Based on this model, the preferential flow path for shallow groundwater is laterally through the silt layer towards the drainage ditches, rather than downward migration. The storm sewer system also may have enabled the transport of site contaminants into the sediments in the drainage ditches. Erosion and transport of solids to the drainage ditches would have been more prevalent during the years when the facility was in operation rather than in recent years since there is now a good vegetative cover serving to stabilize the site.

Two release profiles have been evaluated; one for PCBs, lead, and benzo(a)pyrene, which are generally fixed to soil, and one for TCE which is easily mobilized in the groundwater.

The primary release mechanism for PCBs, lead, and benzo(a)pyrene is the removal of the vegetative layer and subsequent erosion of the surface soil (Figure 7-2). Removal of the vegetative layer is unlikely to occur by natural processes. Some form of construction or other human activity would be required for this release mechanism. If the contaminated soil were to be exposed, fugitive dust, localized to the immediate site, would also be a potential release mechanism.

Release of PCBs, lead, and benzo(a)pyrene by leaching into the shallow groundwater has low potential based on the chemical affinity with soil for these compounds. The absence of these compounds in the subsurface soil supports this conclusion. Lateral migration of contaminants through the shallow groundwater and discharge into the drainage ditches is an unlikely exposure route. These contaminants were not detected in the surface water or shallow groundwater. Release of contaminants into the deeper bedrock groundwater is unlikely because of the absence of contaminants in the shallow groundwater. The more conductive silt deposits near the surface would serve as a preferential flow path for lateral migration of any contaminated groundwater toward the drainage ditches.

The land use and exposure profiles for PCBs, lead, and benzo(a)pyrene are included in Figure 7-2. The primary exposure scenarios for current site use are dermal contact to exposed soil and sediment. Dermal contact and/or ingestion of bedrock groundwater are also potential contaminant exposure routes; however, the contaminants present in the bedrock groundwater are naturally occurring, and are not the result of historical activities at Acid Area 1. The primary exposure scenarios for future land use are the same as the current routes, with the exception of exposed soil and fugitive dust in the immediate vicinity for future residents.

The primary release mechanisms for TCE are removal of the vegetative cover and leaching into the shallow groundwater (Figure 7-3). Removal of the vegetative cover is unlikely to occur by natural processes. Some form of construction or other human activity would be required for this release mechanism. If the contaminated soil were to be exposed, fugitive dust, localized to the immediate site, would also be a potential release mechanism.

Leaching of TCE into the shallow groundwater is likely due to high annual rainfall at the site and the shallow depths to the water table. Lateral migration of shallow groundwater toward the drainage ditches during the wet season could potentially release contaminants into the surface water. Release of contaminants into the deeper bedrock groundwater is unlikely because of the highly impermeable clay layer beneath the site and the absence of fractures and low permeability observed in the Delaware Limestone. The silt layer beneath the site could serve as a preferential flow path for lateral migration of groundwater toward the northern drainage ditch.

The land use and exposure profiles for TCE are included in Figure 7-3. The primary exposure scenarios for current site use are dermal contact to exposed soil and shallow groundwater. Dermal contact to surface water, both on and off-site, is also a potential point of exposure. The primary exposure scenarios for future land use are the same as the current routes, with the exception of exposed soil and fugitive dust in the immediate vicinity for future residents.

7.5 RECOMMENDATIONS

Further actions should be considered to address the contaminants exceeding the USEPA Region 9 PRGs in soil, sediment, and surface water in the northern drainage ditch. The recommendations are as follows:

- Perform a human health and ecological risk assessment using existing site data.
- Evaluate the need for further contaminant delineation in soil and sediment based on results from the human health and ecological risk assessments.
- Evaluate the need for an investigation of the shallow groundwater north of Building 302 and confirmation of TCE discharge into the northern drainage ditch.
- Evaluate the need for any future remedial actions based on results from the human health and ecological risk assessments.

8.0 REFERENCES

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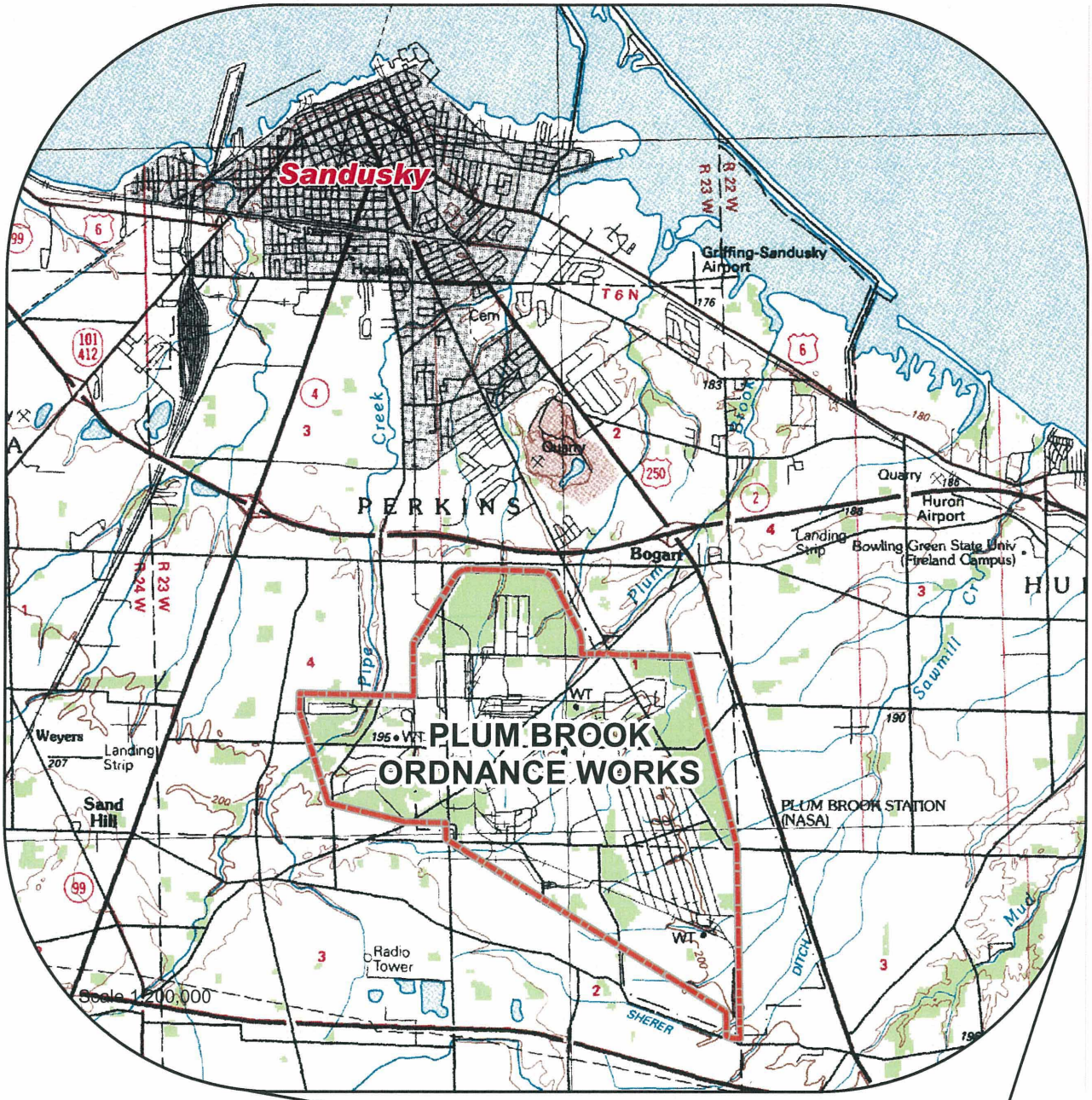

0 0.5 1 2 Miles

Legend

Plum Brook Ordnance Works Boundary

N

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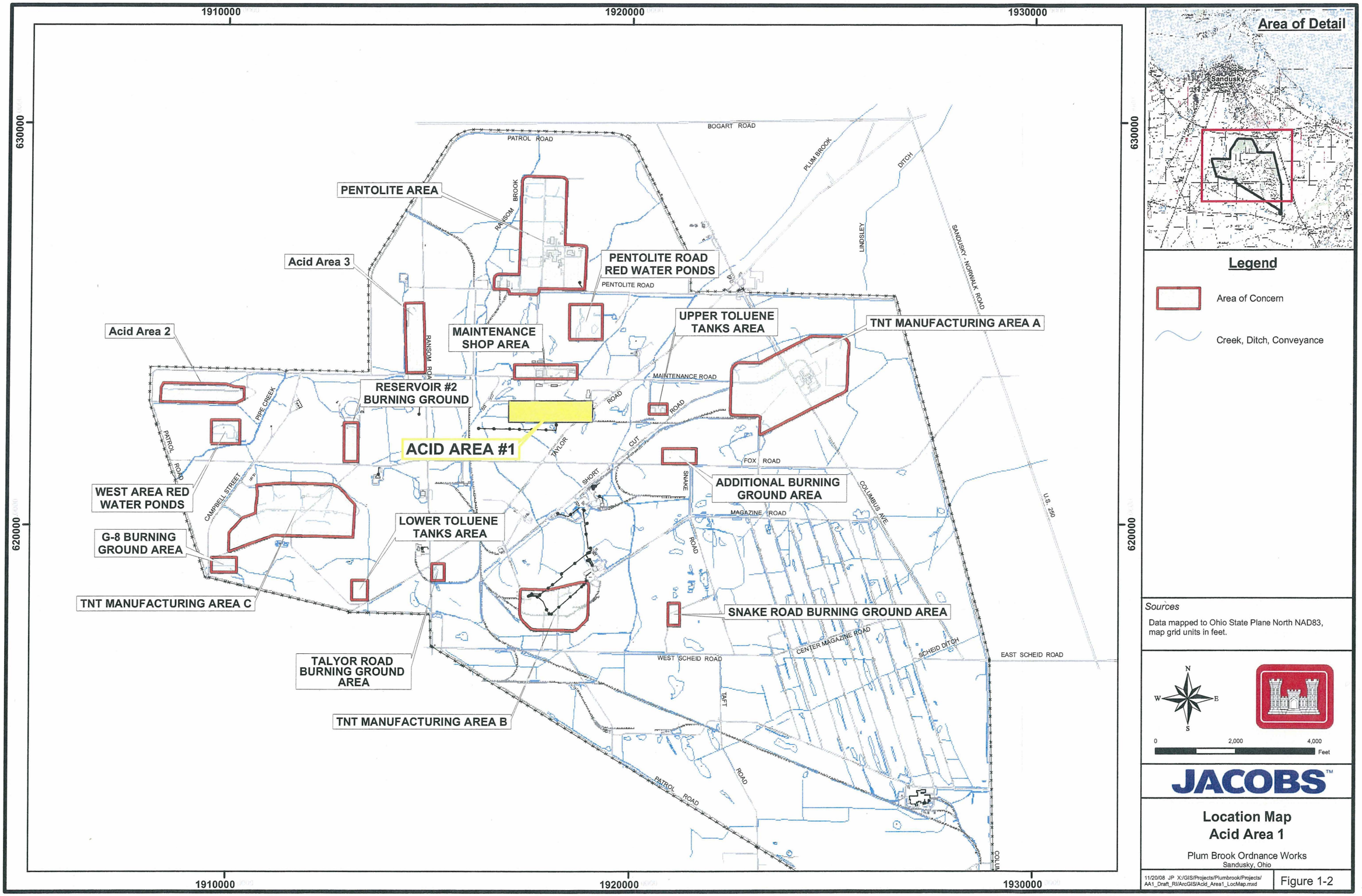
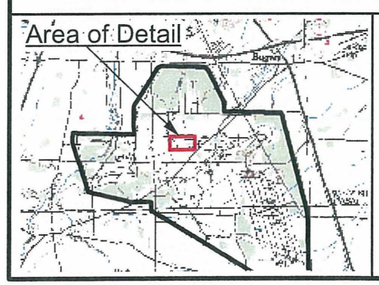
Location Map,
Plum Brook Ordnance Works
Sandusky, Ohio

Plumbrook Ordnance Works
Sandusky, Ohio

11/20/08 JP X:/GIS/Projects/Plumbrook/Projects/AA1_Draft_RI/ArcGIS/PBOW_Site_Location_AA1.mxd

Figure 1-1


1910000
1920000
1930000
630000
620000
PENTOLITE AREA
Acid Area 3
Acid Area 2
PENTOLITE ROAD RED WATER PONDS
MAINTENANCE SHOP AREA
UPPER TOLUENE TANKS AREA
TNT MANUFACTURING AREA A
RESERVOIR #2 BURNING GROUND
ACID AREA #1
WEST AREA RED WATER PONDS
G-8 BURNING GROUND AREA
LOWER TOLUENE TANKS AREA
ADDITIONAL BURNING GROUND AREA
TNT MANUFACTURING AREA C
SNAKE ROAD BURNING GROUND AREA
TALYOR ROAD BURNING GROUND AREA
TNT MANUFACTURING AREA B
BOGART ROAD
PATROL ROAD
PENTOLITE ROAD
MAINTENANCE ROAD
FOX ROAD
MAGAZINE ROAD
CENTER MAGAZINE ROAD
WEST SCHEID ROAD
EAST SCHEID ROAD
SCHEID DITCH
PLUM BROOK
DITCH
LINDSLEY
SANDUSKY - NORWALK ROAD
COLUMBUS AVE
U.S. 250
RANSOM BROOK
RANSOM ROAD
PIPE CREEK
CAMPBELL STREET
TAYLOR
SHORT
CUT
SNAKE
TAFT
ROAD
Area of Detail
Sandusky
Legend
Area of Concern
Creek, Ditch, Conveyance
Sources
Data mapped to Ohio State Plane North NAD83, map grid units in feet.
N
W
E
S
0
2,000
4,000
Feet
JACOBS™
Location Map
Acid Area 1
Plum Brook Ordnance Works
Sandusky, Ohio
11/20/08 JP X:/GIS/Projects/Plumbrook/Projects/AA1_Draft_RI/ArcGIS/Acid_Area1_LocMap.mxd
Figure 1-2



Legend

- Storage Tank Areas from Engineering Drawings
- Creek, Ditch, Conveyance
- Buildings from Engineering Drawings
- Railway

200 100 0 200
Feet

N

Notes: *Aerial Photography from 1958.*
Data mapped to Ohio State Plane North NAD83, map units are feet.

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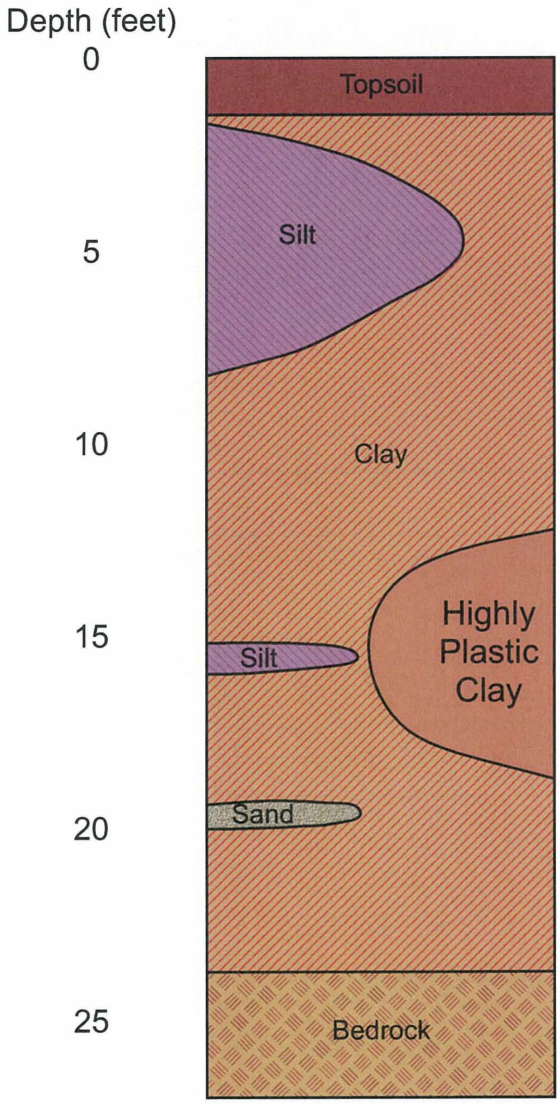
Acid Area 1 — 1958
Aerial Photography

Plum Brook Ordnance Works
Sandusky, Ohio

11/20/08 JP X:/GIS/Projects/Plumbrook/Projects /AA1_Draft_RI/ArcGIS/Acid_Area1_1958_RI.mxd

Figure 1-3

Acid Area 1



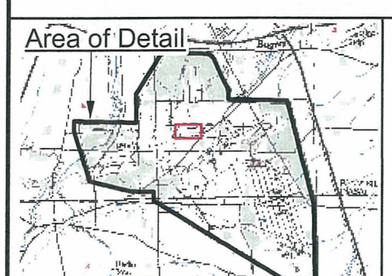
JACOBS

Generalized Overburden Litholgy

12/01/08 DMF
Acid Area 1 Overburden.cdr

Figure 2-1

Area of Detail



Legend

- Storage Tank Areas from Engineering Drawings
- Creek, Ditch, Conveyance
- Buildings
- Railway
- Monitoring Well
- Piezometer
- 1998 SI Soil Borings
- 2007 Soil Borings
- Surface Water/Sediment

0 50 100 200
Feet

N

Notes: *Aerial Photography from 1958.*
Data mapped to Ohio Stateplane North NAD83, map units are feet.

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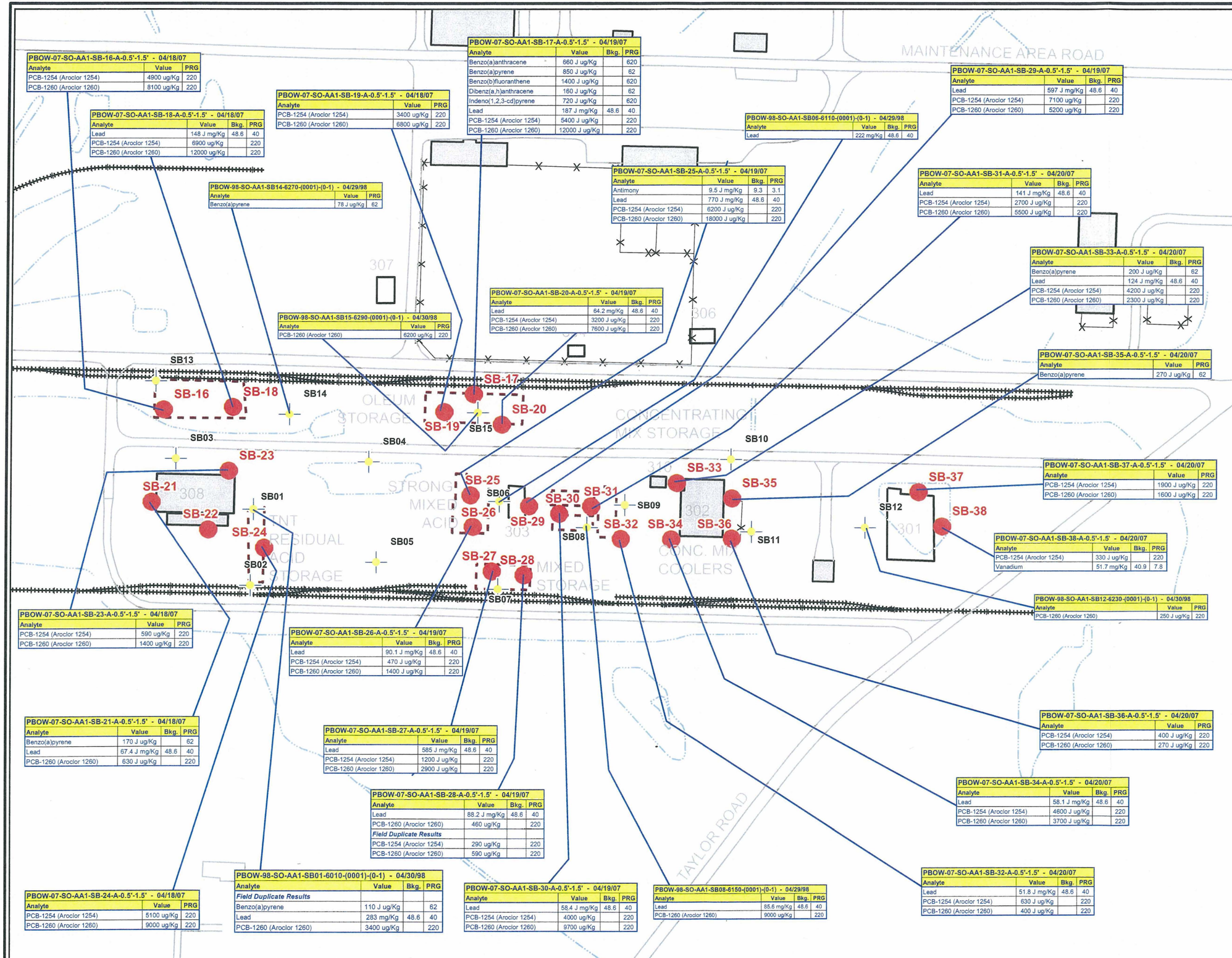
Sampling Locations - Acid Area 1

Plum Brook Ordnance Works
Sandusky, Ohio

11/20/08 JP X:/GIS/Projects/Plumbrook/Projects /AA1_Draft_RI/ArcGIS/AA1_sampling.mxd

Figure 3-1



PBOW-07-SO-AA1-SB-16-A-0.5'-1.5' - 04/18/07			
Analyte	Value	Bkg.	PRG
PCB-1254 (Aroclor 1254)	4900 ug/Kg		220
PCB-1260 (Aroclor 1260)	8100 ug/Kg		220

PBOW-07-SO-AA1-SB-18-A-0.5'-1.5' - 04/18/07			
Analyte	Value	Bkg.	PRG
Lead	148 J mg/Kg	48.6	40
PCB-1254 (Aroclor 1254)	6900 ug/Kg		220
PCB-1260 (Aroclor 1260)	12000 ug/Kg		220

PBOW-07-SO-AA1-SB-19-A-0.5'-1.5' - 04/18/07		
Analyte	Value	PRG
PCB-1254 (Aroclor 1254)	3400 ug/Kg	220
PCB-1260 (Aroclor 1260)	6800 ug/Kg	220

PBOW-98-SO-AA1-SB14-6270-(0001)-(0-1) - 04/29/98		
Analyte	Value	PRG
Benzo(a)pyrene	78 J ug/Kg	62

PBOW-98-SO-AA1-SB15-6290-(0001)-(0-1) - 04/30/98		
Analyte	Value	PRG
PCB-1260 (Aroclor 1260)	6200 ug/Kg	220

PBOW-07-SO-AA1-SB-17-A-0.5'-1.5' - 04/19/07			
Analyte	Value	Bkg.	PRG
Benzo(a)anthracene	660 J ug/Kg		620
Benzo(a)pyrene	850 J ug/Kg		62
Benzo(b)fluoranthene	1400 J ug/Kg		620
Dibenz(a,h)anthracene	160 J ug/Kg		62
Indeno(1,2,3-cd)pyrene	720 J ug/Kg		620
Lead	187 J mg/Kg	48.6	40
PCB-1254 (Aroclor 1254)	5400 J ug/Kg		220
PCB-1260 (Aroclor 1260)	12000 J ug/Kg		220

PBOW-98-SO-AA1-SB06-6110-(0001)-(0-1) - 04/29/98			
Analyte	Value	Bkg.	PRG
Lead	222 mg/Kg	48.6	40

PBOW-07-SO-AA1-SB-25-A-0.5'-1.5' - 04/19/07			
Analyte	Value	Bkg.	PRG
Antimony	9.5 J mg/Kg	9.3	3.1
Lead	770 J mg/Kg	48.6	40
PCB-1254 (Aroclor 1254)	6200 J ug/Kg		220
PCB-1260 (Aroclor 1260)	18000 J ug/Kg		220

PBOW-07-SO-AA1-SB-20-A-0.5'-1.5' - 04/19/07			
Analyte	Value	Bkg.	PRG
Lead	64.2 mg/Kg	48.6	40
PCB-1254 (Aroclor 1254)	3200 J ug/Kg		220
PCB-1260 (Aroclor 1260)	7600 J ug/Kg		220

PBOW-07-SO-AA1-SB-29-A-0.5'-1.5' - 04/19/07			
Analyte	Value	Bkg.	PRG
Lead	597 J mg/Kg	48.6	40
PCB-1254 (Aroclor 1254)	7100 ug/Kg		220
PCB-1260 (Aroclor 1260)	5200 ug/Kg		220

PBOW-07-SO-AA1-SB-31-A-0.5'-1.5' - 04/20/07			
Analyte	Value	Bkg.	PRG
Lead	141 J mg/Kg	48.6	40
PCB-1254 (Aroclor 1254)	2700 J ug/Kg		220
PCB-1260 (Aroclor 1260)	5500 J ug/Kg		220

PBOW-07-SO-AA1-SB-33-A-0.5'-1.5' - 04/20/07			
Analyte	Value	Bkg.	PRG
Benzo(a)pyrene	200 J ug/Kg		62
Lead	124 J mg/Kg	48.6	40
PCB-1254 (Aroclor 1254)	4200 J ug/Kg		220
PCB-1260 (Aroclor 1260)	2300 J ug/Kg		220

PBOW-07-SO-AA1-SB-35-A-0.5'-1.5' - 04/20/07		
Analyte	Value	PRG
Benzo(a)pyrene	270 J ug/Kg	62

PBOW-07-SO-AA1-SB-37-A-0.5'-1.5' - 04/20/07		
Analyte	Value	PRG
PCB-1254 (Aroclor 1254)	1900 J ug/Kg	220
PCB-1260 (Aroclor 1260)	1600 J ug/Kg	220

PBOW-07-SO-AA1-SB-38-A-0.5'-1.5' - 04/20/07			
Analyte	Value	Bkg.	PRG
PCB-1254 (Aroclor 1254)	330 J ug/Kg		220
Vanadium	51.7 mg/Kg	40.9	7.8

PBOW-98-SO-AA1-SB12-6230-(0001)-(0-1) - 04/30/98		
Analyte	Value	PRG
PCB-1260 (Aroclor 1260)	250 J ug/Kg	220

PBOW-07-SO-AA1-SB-23-A-0.5'-1.5' - 04/18/07		
Analyte	Value	PRG
PCB-1254 (Aroclor 1254)	590 ug/Kg	220
PCB-1260 (Aroclor 1260)	1400 ug/Kg	220

PBOW-07-SO-AA1-SB-26-A-0.5'-1.5' - 04/19/07			
Analyte	Value	Bkg.	PRG
Lead	90.1 J mg/Kg	48.6	40
PCB-1254 (Aroclor 1254)	470 J ug/Kg		220
PCB-1260 (Aroclor 1260)	1400 J ug/Kg		220

PBOW-07-SO-AA1-SB-21-A-0.5'-1.5' - 04/18/07			
Analyte	Value	Bkg.	PRG
Benzo(a)pyrene	170 J ug/Kg		62
Lead	67.4 J mg/Kg	48.6	40
PCB-1260 (Aroclor 1260)	630 J ug/Kg		220

PBOW-07-SO-AA1-SB-27-A-0.5'-1.5' - 04/19/07			
Analyte	Value	Bkg.	PRG
Lead	585 J mg/Kg	48.6	40
PCB-1254 (Aroclor 1254)	1200 J ug/Kg		220
PCB-1260 (Aroclor 1260)	2900 J ug/Kg		220

PBOW-07-SO-AA1-SB-28-A-0.5'-1.5' - 04/19/07			
Analyte	Value	Bkg.	PRG
Lead	88.2 J mg/Kg	48.6	40
PCB-1260 (Aroclor 1260)	460 ug/Kg		220
Field Duplicate Results			
PCB-1254 (Aroclor 1254)	290 ug/Kg		220
PCB-1260 (Aroclor 1260)	590 ug/Kg		220

PBOW-07-SO-AA1-SB-36-A-0.5'-1.5' - 04/20/07		
Analyte	Value	PRG
PCB-1254 (Aroclor 1254)	400 J ug/Kg	220
PCB-1260 (Aroclor 1260)	270 J ug/Kg	220

PBOW-07-SO-AA1-SB-34-A-0.5'-1.5' - 04/20/07			
Analyte	Value	Bkg.	PRG
Lead	58.1 J mg/Kg	48.6	40
PCB-1254 (Aroclor 1254)	4600 J ug/Kg		220
PCB-1260 (Aroclor 1260)	3700 J ug/Kg		220

PBOW-07-SO-AA1-SB-24-A-0.5'-1.5' - 04/18/07		
Analyte	Value	PRG
PCB-1254 (Aroclor 1254)	5100 ug/Kg	220
PCB-1260 (Aroclor 1260)	9000 ug/Kg	220

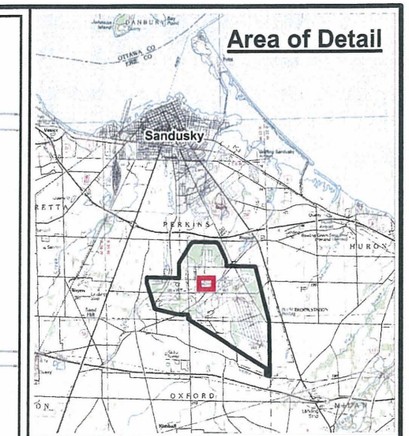
PBOW-98-SO-AA1-SB01-6010-(0001)-(0-1) - 04/30/98			
Analyte	Value	Bkg.	PRG
Field Duplicate Results			
Benzo(a)pyrene	110 J ug/Kg		62
Lead	283 mg/Kg	48.6	40
PCB-1260 (Aroclor 1260)	3400 ug/Kg		220

PBOW-07-SO-AA1-SB-30-A-0.5'-1.5' - 04/19/07			
Analyte	Value	Bkg.	PRG
Lead	58.4 J mg/Kg	48.6	40
PCB-1254 (Aroclor 1254)	4000 ug/Kg		220
PCB-1260 (Aroclor 1260)	9700 ug/Kg		220

PBOW-98-SO-AA1-SB08-6150-(0001)-(0-1) - 04/29/98			
Analyte	Value	Bkg.	PRG
Lead	85.6 mg/Kg	48.6	40
PCB-1260 (Aroclor 1260)	9000 ug/Kg		220

PBOW-07-SO-AA1-SB-32-A-0.5'-1.5' - 04/20/07			
Analyte	Value	Bkg.	PRG
Lead	51.8 J mg/Kg	48.6	40
PCB-1254 (Aroclor 1254)	630 J ug/Kg		220
PCB-1260 (Aroclor 1260)	400 J ug/Kg		220

Area of Detail



Legend

1998 SI Soil Borings

Soil Boring

Note:
bgs = below ground surface
Bkg. = Background Sample (values are provided in units consistent with the reported sample values)
PRG = Preliminary Remediation Goal (values are provided in units consistent with the reported sample values)

Storage Tank Areas from Engineering Drawings

Creek, Ditch, Conveyance

Buildings

Railway

0 50 100 200 Feet

N

Sources
Data mapped to Ohio State Plane North NAD83, map grid units in feet.

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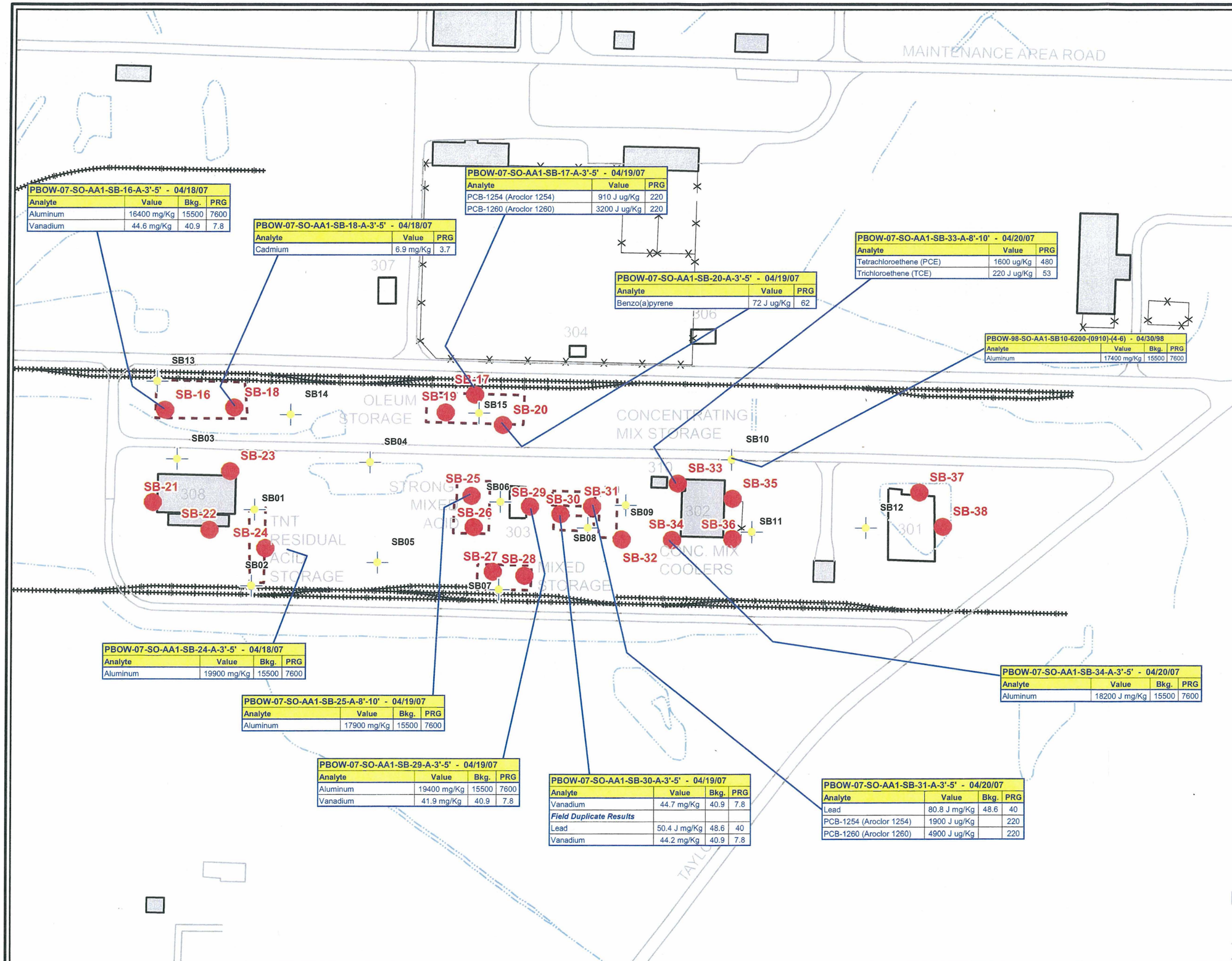
Distribution of Contaminants Exceeding PRG's in Surface Soil — Acid Area 1

Plum Brook Ordnance Works
Sandusky, Ohio

12/2/08 JP X:/GIS/Projects/Plumbrook/Projects /AA1_Draft_RI/ArcGIS/AA1_Surface_Soil.mxd

Figure 4-1



PBOW-07-SO-AA1-SB-16-A-3'-5' - 04/18/07

Analyte	Value	Bkg.	PRG
Aluminum	16400 mg/Kg	15500	7600
Vanadium	44.6 mg/Kg	40.9	7.8

PBOW-07-SO-AA1-SB-18-A-3'-5' - 04/18/07

Analyte	Value	PRG
Cadmium	6.9 mg/Kg	3.7

PBOW-07-SO-AA1-SB-17-A-3'-5' - 04/19/07

Analyte	Value	PRG
PCB-1254 (Aroclor 1254)	910 J ug/Kg	220
PCB-1260 (Aroclor 1260)	3200 J ug/Kg	220

PBOW-07-SO-AA1-SB-20-A-3'-5' - 04/19/07

Analyte	Value	PRG
Benzo(a)pyrene	72 J ug/Kg	62

PBOW-07-SO-AA1-SB-33-A-8'-10' - 04/20/07

Analyte	Value	PRG
Tetrachloroethene (PCE)	1600 ug/Kg	480
Trichloroethene (TCE)	220 J ug/Kg	53

PBOW-98-SO-AA1-SB10-6200-(0910)-(4-6) - 04/30/98

Analyte	Value	Bkg.	PRG
Aluminum	17400 mg/Kg	15500	7600

PBOW-07-SO-AA1-SB-24-A-3'-5' - 04/18/07

Analyte	Value	Bkg.	PRG
Aluminum	19900 mg/Kg	15500	7600

PBOW-07-SO-AA1-SB-25-A-8'-10' - 04/19/07

Analyte	Value	Bkg.	PRG
Aluminum	17900 mg/Kg	15500	7600

PBOW-07-SO-AA1-SB-29-A-3'-5' - 04/19/07

Analyte	Value	Bkg.	PRG
Aluminum	19400 mg/Kg	15500	7600
Vanadium	41.9 mg/Kg	40.9	7.8

PBOW-07-SO-AA1-SB-30-A-3'-5' - 04/19/07

Analyte	Value	Bkg.	PRG
Vanadium	44.7 mg/Kg	40.9	7.8
Field Duplicate Results			
Lead	50.4 J mg/Kg	48.6	40
Vanadium	44.2 mg/Kg	40.9	7.8

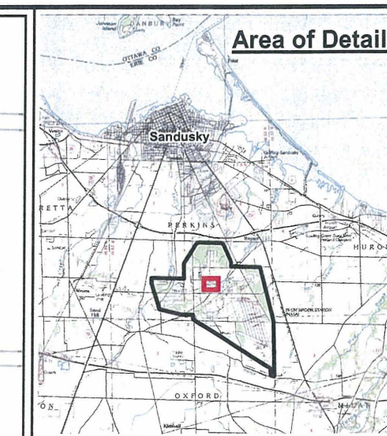
PBOW-07-SO-AA1-SB-31-A-3'-5' - 04/20/07

Analyte	Value	Bkg.	PRG
Lead	80.8 J mg/Kg	48.6	40
PCB-1254 (Aroclor 1254)	1900 J ug/Kg		220
PCB-1260 (Aroclor 1260)	4900 J ug/Kg		220

PBOW-07-SO-AA1-SB-34-A-3'-5' - 04/20/07

Analyte	Value	Bkg.	PRG
Aluminum	18200 J mg/Kg	15500	7600

Area of Detail



Legend

1998 SI Soil Borings

Soil Boring

Note:
bgs = below ground surface
Bkg. = Background Sample (values are provided in units consistent with the reported sample values)
PRG = Preliminary Remediation Goal (values are provided in units consistent with the reported sample values)

Storage Tank Areas from Engineering Drawings

Creek, Ditch, Conveyance

Buildings

Railway

0 50 100 200 Feet

N

Sources
Data mapped to Ohio State Plane North NAD83, map grid units in feet.

JACOBS™

Distribution of Contaminants Exceeding PRG's in Subsurface Soil — Acid Area 1

Plum Brook Ordnance Works
Sandusky, Ohio

12/2/08 JP X:/GIS/Projects/Plumbrook/Projects /AA1_Draft_RI/ArcGIS/AA1_SubSurface_Soil.mxd

Figure 4-2

Acid Area 1 Piezometer Hydrographs

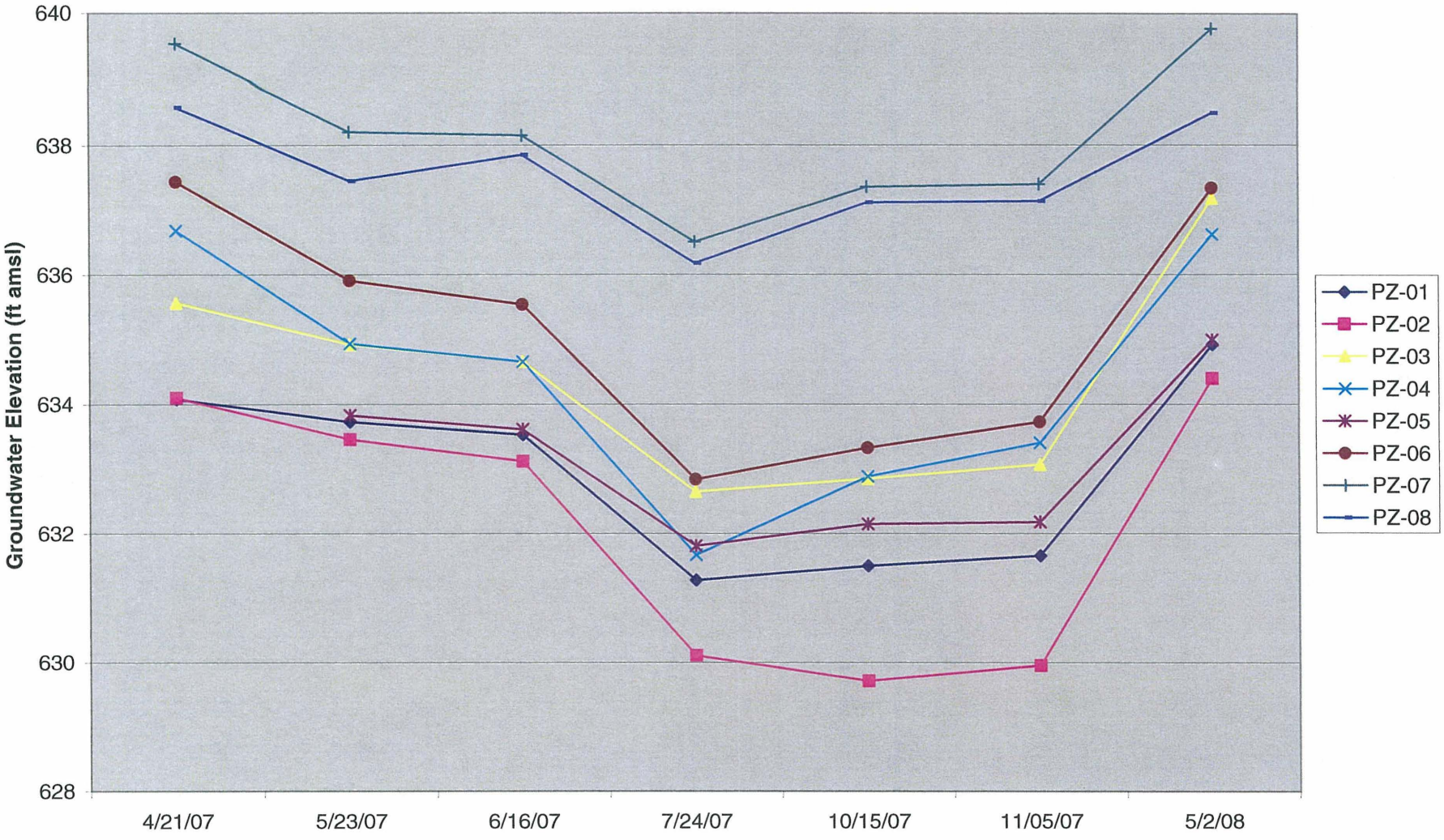
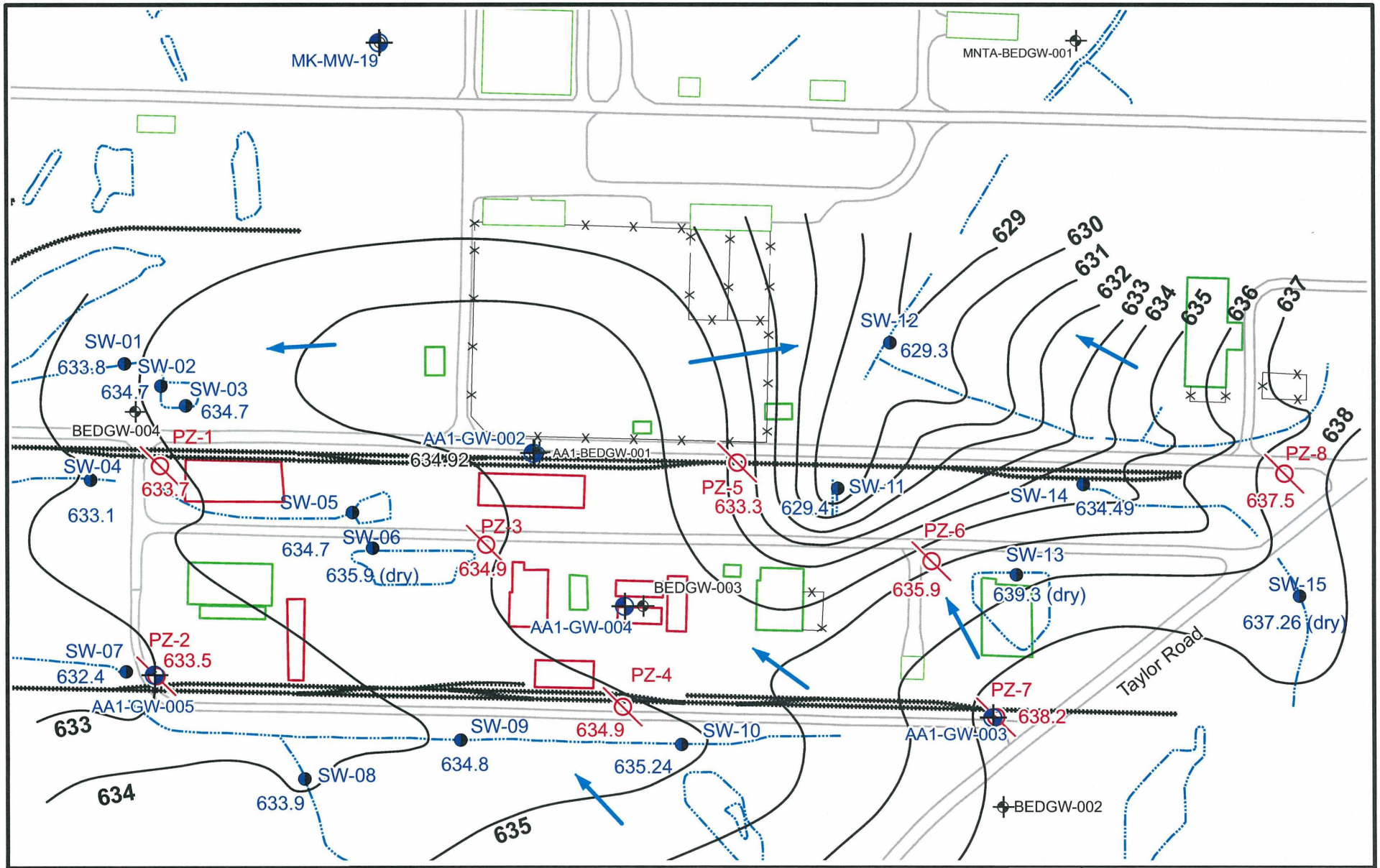
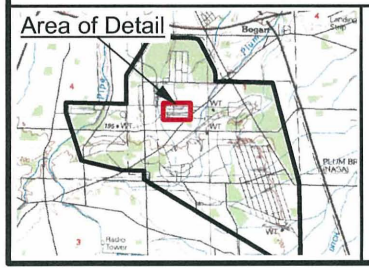


Figure 5-1



Area of Detail



Legend

- Creek, Ditch, Conveyance
- Buildings from Engineering Drawings
- Shallow Groundwater Elevation Contours
- Flow Direction
- Bedrock Monitoring Wells
- Piezometers
- Surface Water Monitoring Locations
- Shallow Monitoring Wells

0 150 300
Feet

N

Notes:
Data mapped to Ohio State Plane North NAD83, map units are feet.

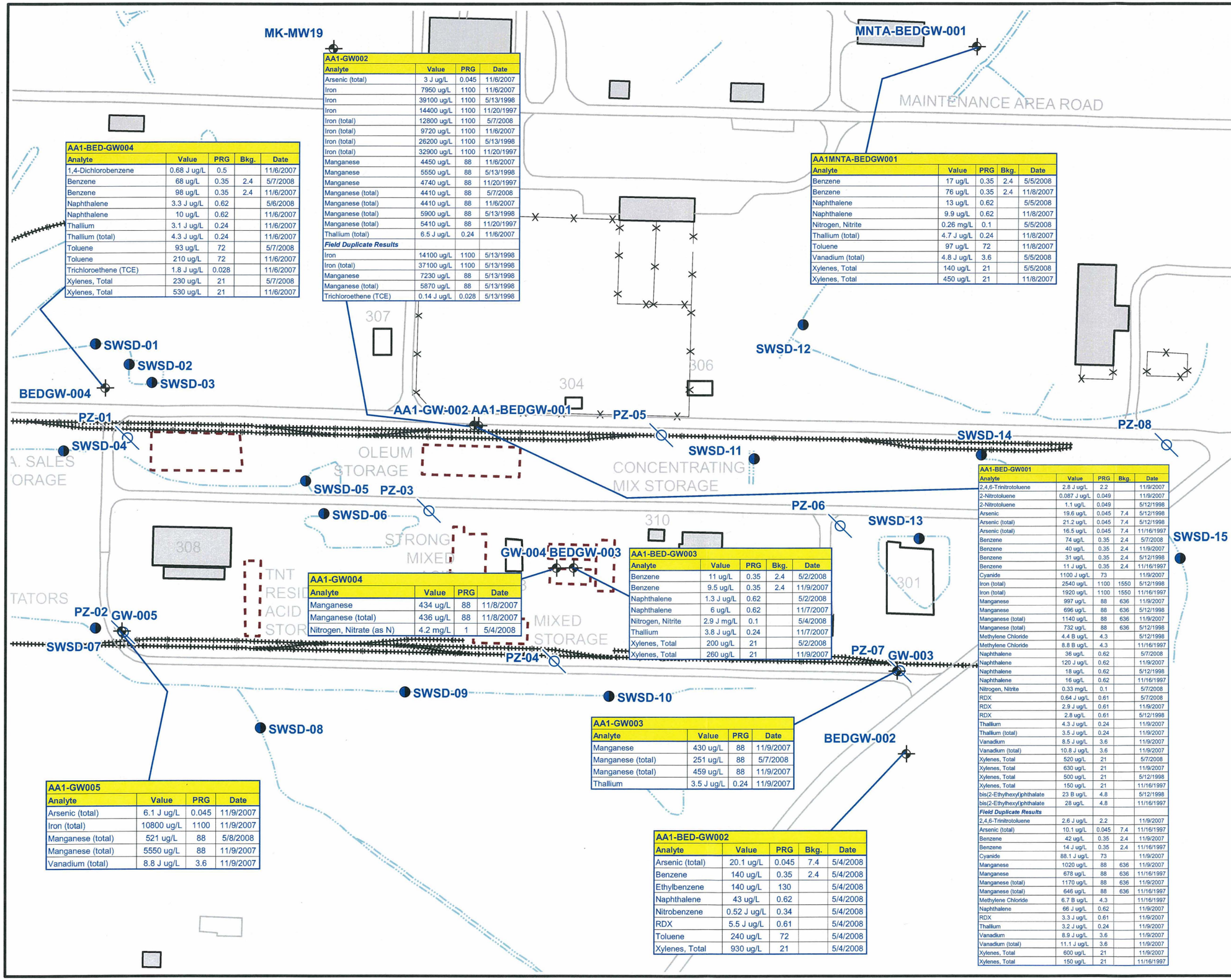
JACOBS

Shallow Groundwater Elevation Contour Map

Plum Brook Ordnance Works
Sandusky, Ohio

7/15/09 JP X:/GIS/Projects/Plumbrook/Projects/AA1_Draft_RI/ArcGIS/AA1_GW-SW2.mxd

Figure 5-2



AA1-BED-GW004				
Analyte	Value	PRG	Bkg.	Date
1,4-Dichlorobenzene	0.68 J ug/L	0.5		11/6/2007
Benzene	68 ug/L	0.35	2.4	5/7/2008
Benzene	98 ug/L	0.35	2.4	11/6/2007
Naphthalene	3.3 J ug/L	0.62		5/6/2008
Naphthalene	10 ug/L	0.62		11/6/2007
Thallium	3.1 J ug/L	0.24		11/6/2007
Thallium (total)	4.3 J ug/L	0.24		11/6/2007
Toluene	93 ug/L	72		5/7/2008
Toluene	210 ug/L	72		11/6/2007
Trichloroethene (TCE)	1.8 J ug/L	0.028		11/6/2007
Xylenes, Total	230 ug/L	21		5/7/2008
Xylenes, Total	530 ug/L	21		11/6/2007

AA1-GW002			
Analyte	Value	PRG	Date
Arsenic (total)	3 J ug/L	0.045	11/6/2007
Iron	7950 ug/L	1100	11/6/2007
Iron	39100 ug/L	1100	5/13/1998
Iron	14400 ug/L	1100	11/20/1997
Iron (total)	12800 ug/L	1100	5/7/2008
Iron (total)	9720 ug/L	1100	11/6/2007
Iron (total)	26200 ug/L	1100	5/13/1998
Iron (total)	32900 ug/L	1100	11/20/1997
Manganese	4450 ug/L	88	11/6/2007
Manganese	5550 ug/L	88	5/13/1998
Manganese	4740 ug/L	88	11/20/1997
Manganese (total)	4410 ug/L	88	5/7/2008
Manganese (total)	4410 ug/L	88	11/6/2007
Manganese (total)	5900 ug/L	88	5/13/1998
Manganese (total)	5410 ug/L	88	11/20/1997
Thallium (total)	6.5 J ug/L	0.24	11/6/2007
Field Duplicate Results			
Iron	14100 ug/L	1100	5/13/1998
Iron (total)	37100 ug/L	1100	5/13/1998
Manganese	7230 ug/L	88	5/13/1998
Manganese (total)	5870 ug/L	88	5/13/1998
Trichloroethene (TCE)	0.14 J ug/L	0.028	5/13/1998

AA1MNTA-BEDGW001				
Analyte	Value	PRG	Bkg.	Date
Benzene	17 ug/L	0.35	2.4	5/5/2008
Benzene	76 ug/L	0.35	2.4	11/8/2007
Naphthalene	13 ug/L	0.62		5/5/2008
Naphthalene	9.9 ug/L	0.62		11/8/2007
Nitrogen, Nitrite	0.26 mg/L	0.1		5/5/2008
Thallium (total)	4.7 J ug/L	0.24		11/8/2007
Toluene	97 ug/L	72		11/8/2007
Vanadium (total)	4.8 J ug/L	3.6		5/5/2008
Xylenes, Total	140 ug/L	21		5/5/2008
Xylenes, Total	450 ug/L	21		11/8/2007

AA1-GW004			
Analyte	Value	PRG	Date
Manganese	434 ug/L	88	11/8/2007
Manganese (total)	436 ug/L	88	11/8/2007
Nitrogen, Nitrate (as N)	4.2 mg/L	1	5/4/2008

AA1-BED-GW003				
Analyte	Value	PRG	Bkg.	Date
Benzene	11 ug/L	0.35	2.4	5/2/2008
Benzene	9.5 ug/L	0.35	2.4	11/9/2007
Naphthalene	1.3 J ug/L	0.62		5/2/2008
Naphthalene	6 ug/L	0.62		11/7/2007
Nitrogen, Nitrite	2.9 J mg/L	0.1		5/4/2008
Thallium	3.8 J ug/L	0.24		11/7/2007
Xylenes, Total	200 ug/L	21		5/2/2008
Xylenes, Total	260 ug/L	21		11/9/2007

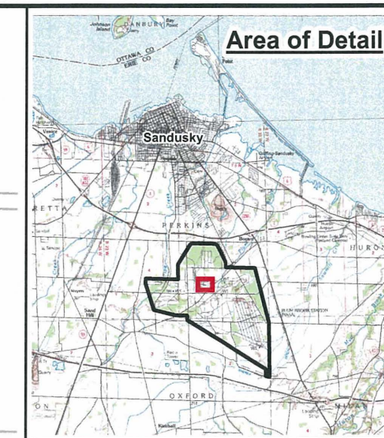
AA1-GW003			
Analyte	Value	PRG	Date
Manganese	430 ug/L	88	11/9/2007
Manganese (total)	251 ug/L	88	5/7/2008
Manganese (total)	459 ug/L	88	11/9/2007
Thallium	3.5 J ug/L	0.24	11/9/2007

AA1-BED-GW001				
Analyte	Value	PRG	Bkg.	Date
2,4,6-Trinitrotoluene	2.8 J ug/L	2.2		11/9/2007
2-Nitrotoluene	0.087 J ug/L	0.049		11/9/2007
2-Nitrotoluene	1.1 ug/L	0.049		5/12/1998
Arsenic	19.6 ug/L	0.045	7.4	5/12/1998
Arsenic (total)	21.2 ug/L	0.045	7.4	5/12/1998
Arsenic (total)	16.5 ug/L	0.045	7.4	11/16/1997
Benzene	74 ug/L	0.35	2.4	5/7/2008
Benzene	40 ug/L	0.35	2.4	11/9/2007
Benzene	31 ug/L	0.35	2.4	5/12/1998
Benzene	11 J ug/L	0.35	2.4	11/16/1997
Cyanide	1100 J ug/L	73		11/9/2007
Iron (total)	2540 ug/L	1100	1550	5/12/1998
Iron (total)	1920 ug/L	1100	1550	11/16/1997
Manganese	997 ug/L	88	636	11/9/2007
Manganese	696 ug/L	88	636	5/12/1998
Manganese (total)	1140 ug/L	88	636	11/9/2007
Manganese (total)	732 ug/L	88	636	5/12/1998
Methylene Chloride	4.4 B ug/L	4.3		5/12/1998
Methylene Chloride	8.8 B ug/L	4.3		11/16/1997
Naphthalene	36 ug/L	0.62		5/7/2008
Naphthalene	120 J ug/L	0.62		11/9/2007
Naphthalene	18 ug/L	0.62		5/12/1998
Naphthalene	16 ug/L	0.62		11/16/1997
Nitrogen, Nitrite	0.33 mg/L	0.1		5/7/2008
RDX	0.64 J ug/L	0.61		5/7/2008
RDX	2.9 J ug/L	0.61		11/9/2007
RDX	2.8 ug/L	0.61		5/12/1998
Thallium	4.3 J ug/L	0.24		11/9/2007
Thallium (total)	3.5 J ug/L	0.24		11/9/2007
Vanadium	8.5 J ug/L	3.6		11/9/2007
Vanadium (total)	10.8 J ug/L	3.6		11/9/2007
Xylenes, Total	520 ug/L	21		5/7/2008
Xylenes, Total	630 ug/L	21		11/9/2007
Xylenes, Total	500 ug/L	21		5/12/1998
Xylenes, Total	150 ug/L	21		11/16/1997
bis(2-Ethylhexyl)phthalate	23 B ug/L	4.8		5/12/1998
bis(2-Ethylhexyl)phthalate	28 ug/L	4.8		11/16/1997
Field Duplicate Results				
2,4,6-Trinitrotoluene	2.6 J ug/L	2.2		11/9/2007
Arsenic (total)	10.1 ug/L	0.045	7.4	11/16/1997
Benzene	42 ug/L	0.35	2.4	11/9/2007
Benzene	14 J ug/L	0.35	2.4	11/16/1997
Cyanide	88.1 J ug/L	73		11/9/2007
Manganese	1020 ug/L	88	636	11/9/2007
Manganese	678 ug/L	88	636	11/16/1997
Manganese (total)	1170 ug/L	88	636	11/9/2007
Manganese (total)	646 ug/L	88	636	11/16/1997
Methylene Chloride	6.7 B ug/L	4.3		11/16/1997
Naphthalene	66 J ug/L	0.62		11/9/2007
RDX	3.3 J ug/L	0.61		11/9/2007
Thallium	3.2 J ug/L	0.24		11/9/2007
Vanadium	8.9 J ug/L	3.6		11/9/2007
Vanadium (total)	11.1 J ug/L	3.6		11/9/2007
Xylenes, Total	600 ug/L	21		11/9/2007
Xylenes, Total	150 ug/L	21		11/16/1997

AA1-GW005			
Analyte	Value	PRG	Date
Arsenic (total)	6.1 J ug/L	0.045	11/9/2007
Iron (total)	10800 ug/L	1100	11/9/2007
Manganese (total)	521 ug/L	88	5/8/2008
Manganese (total)	5550 ug/L	88	11/9/2007
Vanadium (total)	8.8 J ug/L	3.6	11/9/2007

AA1-BED-GW002				
Analyte	Value	PRG	Bkg.	Date
Arsenic (total)	20.1 ug/L	0.045	7.4	5/4/2008
Benzene	140 ug/L	0.35	2.4	5/4/2008
Ethylbenzene	140 ug/L	130		5/4/2008
Naphthalene	43 ug/L	0.62		5/4/2008
Nitrobenzene	0.52 J ug/L	0.34		5/4/2008
RDX	5.5 J ug/L	0.61		5/4/2008
Toluene	240 ug/L	72		5/4/2008
Xylenes, Total	930 ug/L	21		5/4/2008

Area of Detail



Legend

- Surface Water or Sediment Sampling Locations
- Monitoring Wells
- Piezometers

Note:
bgs = below ground surface
Bkg. = Background Sample (values are provided in units consistent with the reported sample values)
PRG = Preliminary Remediation Goal (values are provided in units consistent with the reported sample values)

- Storage Tank Areas from Engineering Drawings
- Creek, Ditch, Conveyance
- Buildings
- Railway

0 50 100 200 Feet

N

Sources
Data mapped to Ohio State Plane North NAD83, map grid units in feet.

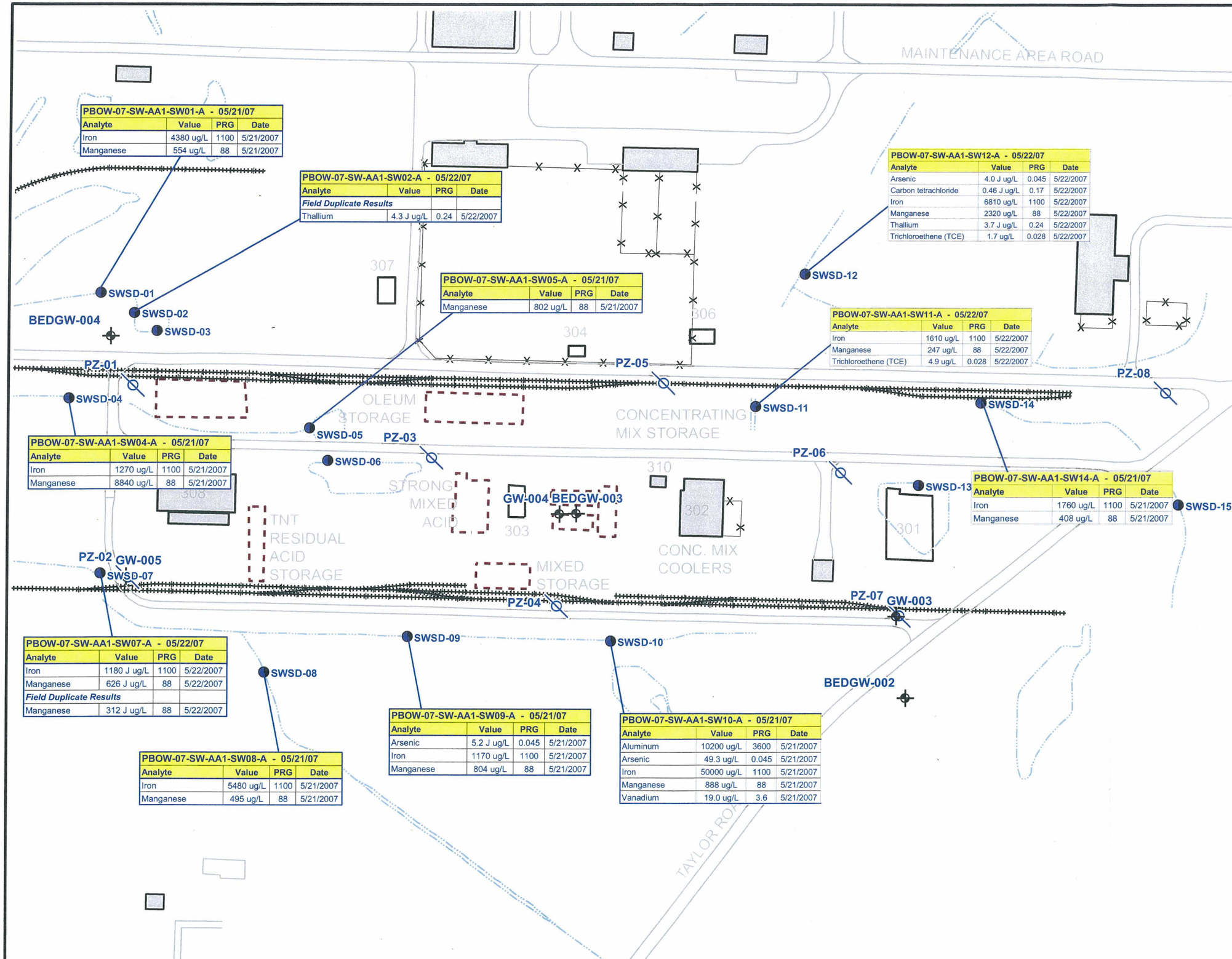
JACOBS

Distribution of Contaminants Exceeding PRG's in Groundwater — Acid Area 1

Plum Brook Ordnance Works
Sandusky, Ohio

1/20/09 JP X:/GIS/Projects/Plumbrook/Projects /AA1_Draft_RI/ArcGIS/AA1_Groundwater2.mxd

Figure 5-3



PBOW-07-SW-AA1-SW01-A - 05/21/07			
Analyte	Value	PRG	Date
Iron	4380 ug/L	1100	5/21/2007
Manganese	554 ug/L	88	5/21/2007

PBOW-07-SW-AA1-SW02-A - 05/22/07			
Analyte	Value	PRG	Date
Field Duplicate Results			
Thallium	4.3 J ug/L	0.24	5/22/2007

PBOW-07-SW-AA1-SW05-A - 05/21/07			
Analyte	Value	PRG	Date
Manganese	802 ug/L	88	5/21/2007

PBOW-07-SW-AA1-SW12-A - 05/22/07			
Analyte	Value	PRG	Date
Arsenic	4.0 J ug/L	0.045	5/22/2007
Carbon tetrachloride	0.46 J ug/L	0.17	5/22/2007
Iron	6810 ug/L	1100	5/22/2007
Manganese	2320 ug/L	88	5/22/2007
Thallium	3.7 J ug/L	0.24	5/22/2007
Trichloroethene (TCE)	1.7 ug/L	0.028	5/22/2007

PBOW-07-SW-AA1-SW11-A - 05/22/07			
Analyte	Value	PRG	Date
Iron	1610 ug/L	1100	5/22/2007
Manganese	247 ug/L	88	5/22/2007
Trichloroethene (TCE)	4.9 ug/L	0.028	5/22/2007

PBOW-07-SW-AA1-SW04-A - 05/21/07			
Analyte	Value	PRG	Date
Iron	1270 ug/L	1100	5/21/2007
Manganese	8840 ug/L	88	5/21/2007

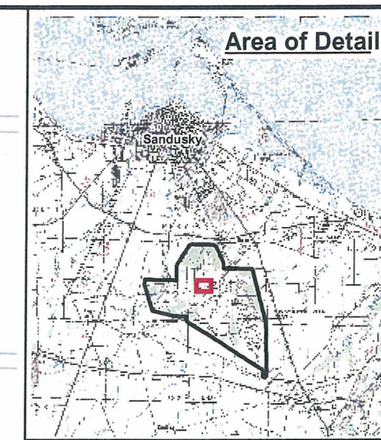
PBOW-07-SW-AA1-SW14-A - 05/21/07			
Analyte	Value	PRG	Date
Iron	1760 ug/L	1100	5/21/2007
Manganese	408 ug/L	88	5/21/2007

PBOW-07-SW-AA1-SW07-A - 05/22/07			
Analyte	Value	PRG	Date
Iron	1180 J ug/L	1100	5/22/2007
Manganese	626 J ug/L	88	5/22/2007
Field Duplicate Results			
Manganese	312 J ug/L	88	5/22/2007

PBOW-07-SW-AA1-SW08-A - 05/21/07			
Analyte	Value	PRG	Date
Iron	5480 ug/L	1100	5/21/2007
Manganese	495 ug/L	88	5/21/2007

PBOW-07-SW-AA1-SW09-A - 05/21/07			
Analyte	Value	PRG	Date
Arsenic	5.2 J ug/L	0.045	5/21/2007
Iron	1170 ug/L	1100	5/21/2007
Manganese	804 ug/L	88	5/21/2007

PBOW-07-SW-AA1-SW10-A - 05/21/07			
Analyte	Value	PRG	Date
Aluminum	10200 ug/L	3600	5/21/2007
Arsenic	49.3 ug/L	0.045	5/21/2007
Iron	50000 ug/L	1100	5/21/2007
Manganese	888 ug/L	88	5/21/2007
Vanadium	19.0 ug/L	3.6	5/21/2007



Legend

- Surface Water or Sediment Sampling Locations
- Monitoring Wells
- Piezometers

Note:
bgs = below ground surface
Bkg. = Background Sample (values are provided in units consistent with the reported sample values)
PRG = Preliminary Remediation Goal (values are provided in units consistent with the reported sample values)

- Storage Tank Areas from Engineering Drawings
- Creek, Ditch, Conveyance
- Buildings
- Railway

0 50 100 200 Feet

N

Sources
Data mapped to Ohio State Plane North NAD83, map grid units in feet.

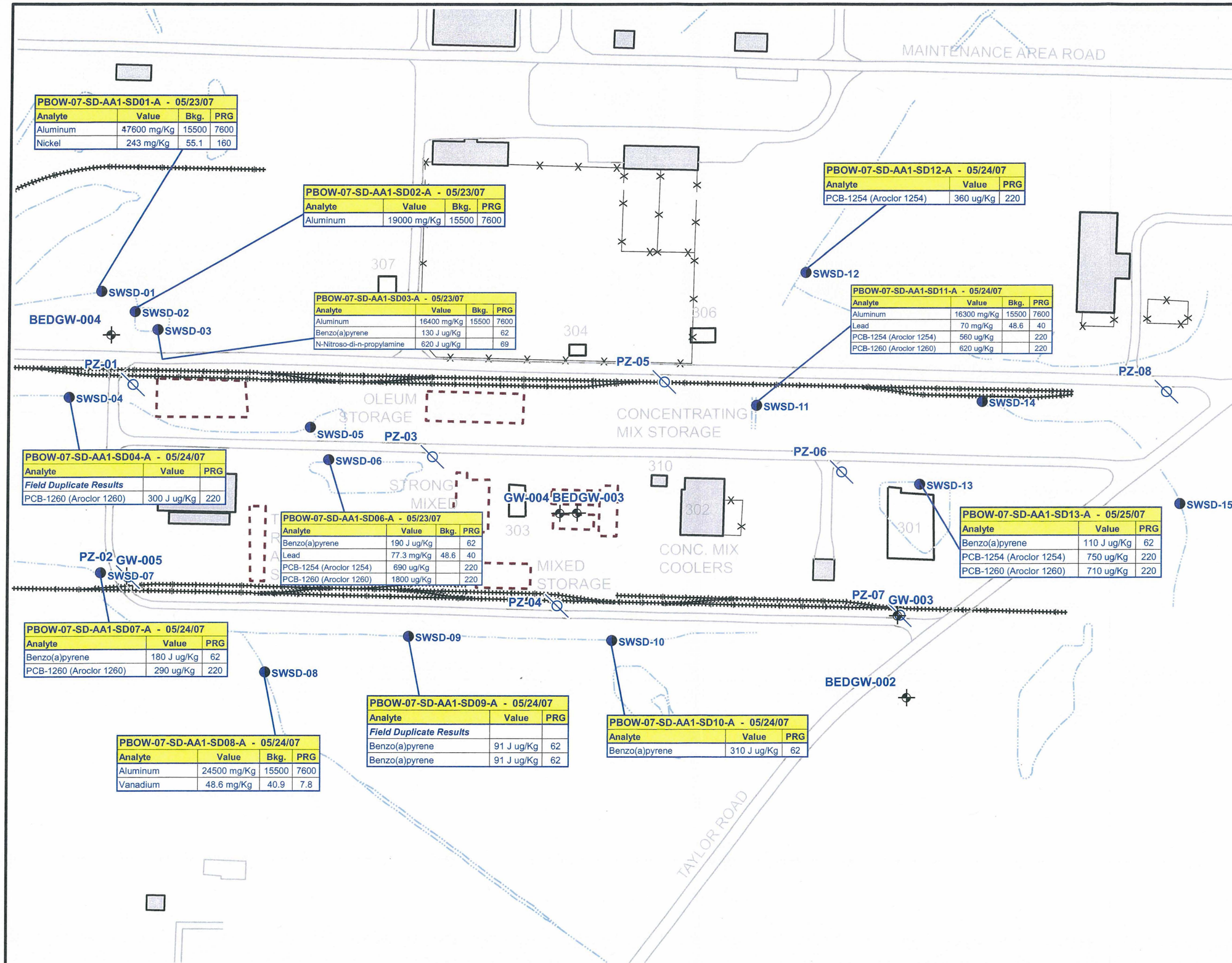
JACOBS

Distribution of Contaminants Exceeding PRG's in Surface Water — Acid Area 1

Plum Brook Ordnance Works
Sandusky, Ohio

12/2/08 JP X:/GIS/Projects/Plumbrook/Projects /AA1_Draft_RI/ArcGIS/AA1_Surface_Water.mxd

Figure 6-1



PBOW-07-SD-AA1-SD01-A - 05/23/07

Analyte	Value	Bkg.	PRG
Aluminum	47600 mg/Kg	15500	7600
Nickel	243 mg/Kg	55.1	160

PBOW-07-SD-AA1-SD02-A - 05/23/07

Analyte	Value	Bkg.	PRG
Aluminum	19000 mg/Kg	15500	7600

PBOW-07-SD-AA1-SD03-A - 05/23/07

Analyte	Value	Bkg.	PRG
Aluminum	16400 mg/Kg	15500	7600
Benzo(a)pyrene	130 J ug/Kg		62
N-Nitroso-di-n-propylamine	620 J ug/Kg		69

PBOW-07-SD-AA1-SD04-A - 05/24/07

Analyte	Value	PRG
Field Duplicate Results		
PCB-1260 (Aroclor 1260)	300 J ug/Kg	220

PBOW-07-SD-AA1-SD06-A - 05/23/07

Analyte	Value	Bkg.	PRG
Benzo(a)pyrene	190 J ug/Kg		62
Lead	77.3 mg/Kg	48.6	40
PCB-1254 (Aroclor 1254)	690 ug/Kg		220
PCB-1260 (Aroclor 1260)	1800 ug/Kg		220

PBOW-07-SD-AA1-SD07-A - 05/24/07

Analyte	Value	PRG
Benzo(a)pyrene	180 J ug/Kg	62
PCB-1260 (Aroclor 1260)	290 ug/Kg	220

PBOW-07-SD-AA1-SD08-A - 05/24/07

Analyte	Value	Bkg.	PRG
Aluminum	24500 mg/Kg	15500	7600
Vanadium	48.6 mg/Kg	40.9	7.8

PBOW-07-SD-AA1-SD09-A - 05/24/07

Analyte	Value	PRG
Field Duplicate Results		
Benzo(a)pyrene	91 J ug/Kg	62
Benzo(a)pyrene	91 J ug/Kg	62

PBOW-07-SD-AA1-SD10-A - 05/24/07

Analyte	Value	PRG
Benzo(a)pyrene	310 J ug/Kg	62

PBOW-07-SD-AA1-SD11-A - 05/24/07

Analyte	Value	Bkg.	PRG
Aluminum	16300 mg/Kg	15500	7600
Lead	70 mg/Kg	48.6	40
PCB-1254 (Aroclor 1254)	560 ug/Kg		220
PCB-1260 (Aroclor 1260)	620 ug/Kg		220

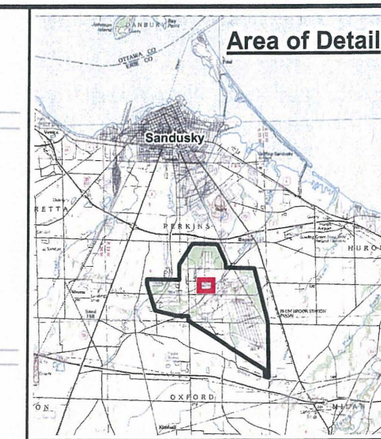
PBOW-07-SD-AA1-SD12-A - 05/24/07

Analyte	Value	PRG
PCB-1254 (Aroclor 1254)	360 ug/Kg	220

PBOW-07-SD-AA1-SD13-A - 05/25/07

Analyte	Value	PRG
Benzo(a)pyrene	110 J ug/Kg	62
PCB-1254 (Aroclor 1254)	750 ug/Kg	220
PCB-1260 (Aroclor 1260)	710 ug/Kg	220

Area of Detail



Legend

- Sediment Sampling Locations
- Monitoring Wells
- Piezometers

Note:
bgs = below ground surface
Bkg. = Background Sample (values are provided in units consistent with the reported sample values)
PRG = Preliminary Remediation Goal (values are provided in units consistent with the reported sample values)

- Storage Tank Areas from Engineering Drawings
- Creek, Ditch, Conveyance
- Buildings
- Railway

0 50 100 200 Feet

N

Sources
Data mapped to Ohio State Plane North NAD83, map grid units in feet.

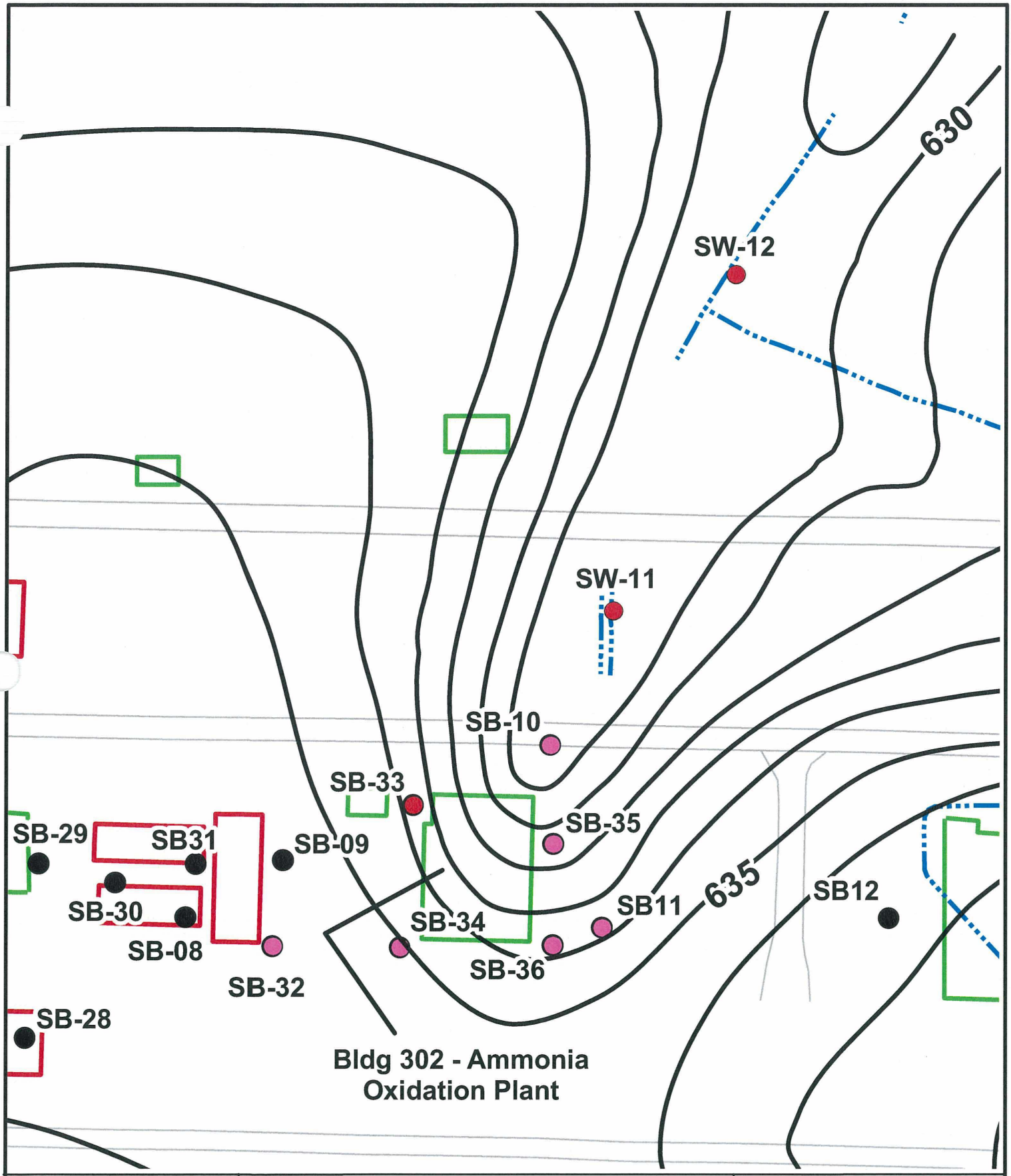
JACOBS

Distribution of Contaminants Exceeding PRG's in Sediment — Acid Area 1

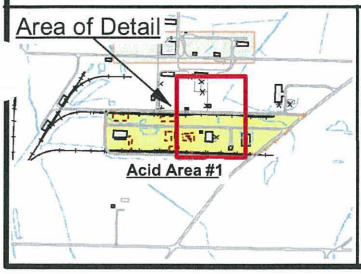
Plum Brook Ordnance Works
Sandusky, Ohio

12/2/08 JP X:/GIS/Projects/Plumbrook/Projects /AA1_Draft_RI/ArcGIS/AA1_Sediment.mxd

Figure 6-2



Area of Detail



Legend

- Storage Tank Areas from Engineering Drawings
- Creek, Ditch, Conveyance
- Shallow Groundwater Elevation Contour
- Buildings from Engineering Drawings
- Above PRGs
- Contamination
- Non-detect

N

0 100
Feet

Notes:
Data mapped to Ohio State Plane North NAD83, map units are feet.

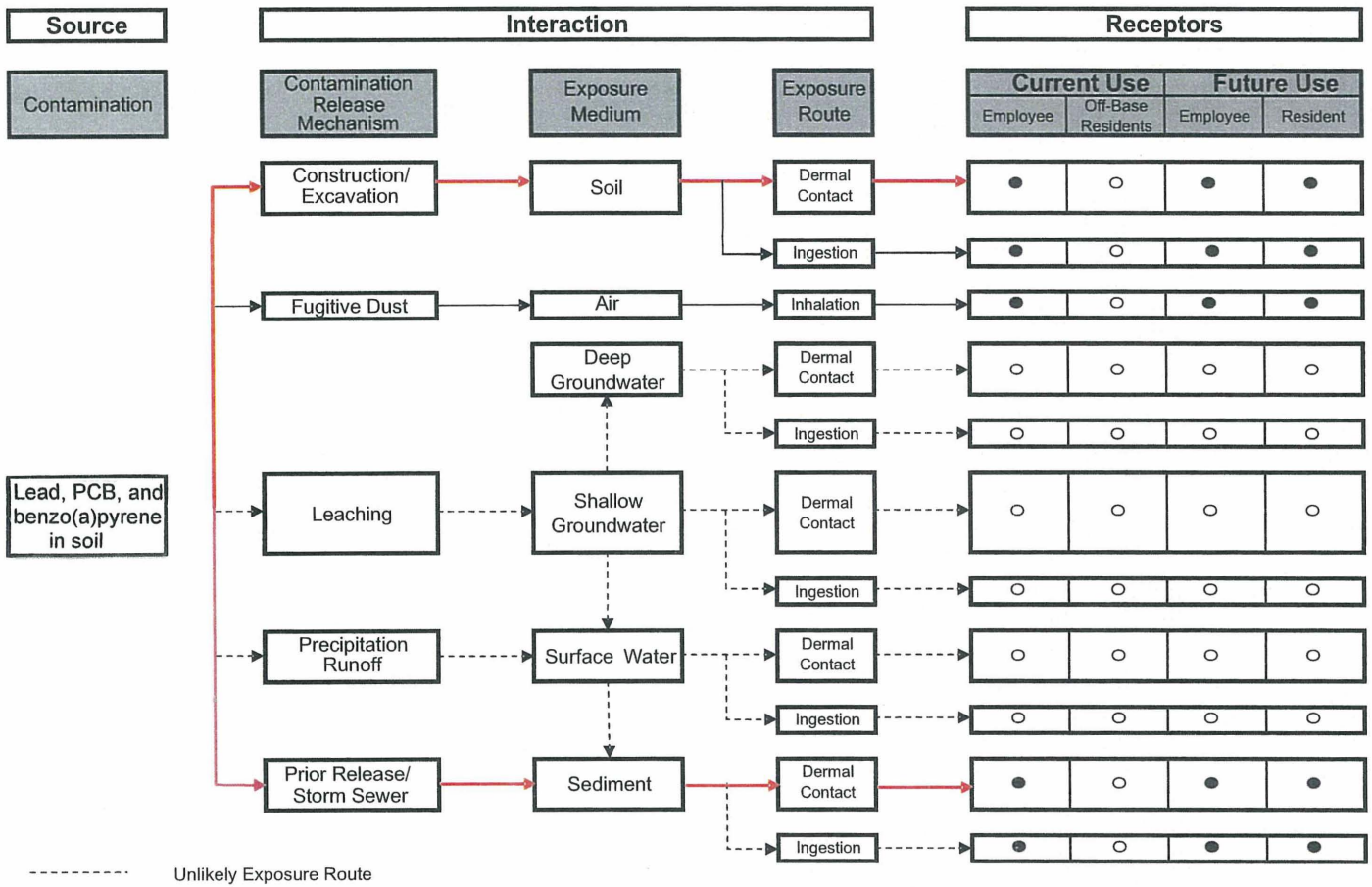
JACOBS™

Chlorinated Hydrocarbons in Soil and Surface Water

Plum Brook Ordnance Works
Sandusky, Ohio

01/21/09 JP X:/GIS/Projects/Plumbrook/Projects/AA1_Draft_RI/ArcGIS/AA1_pce_tce_RI.mxd

Figure 7-1

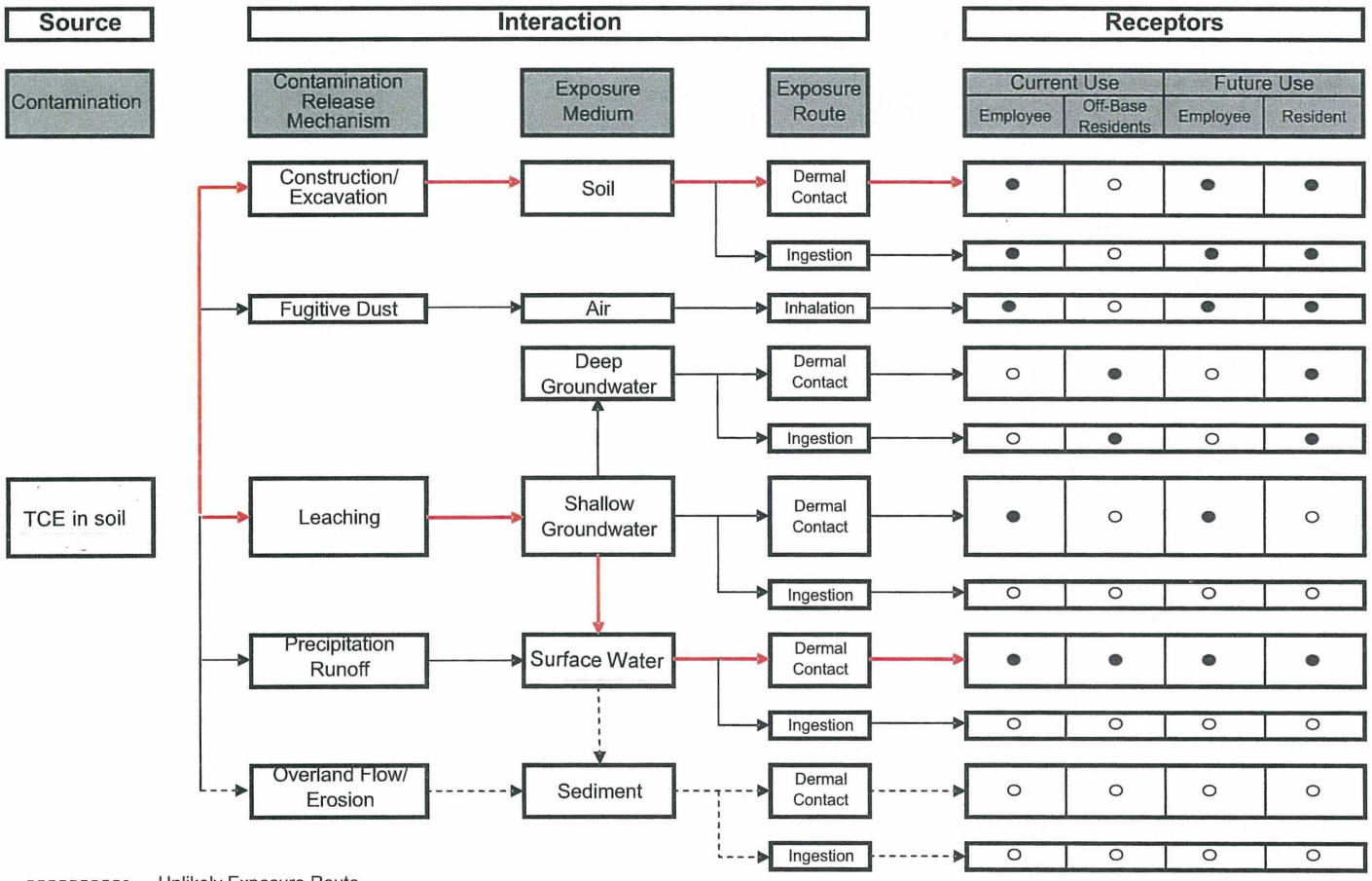


JACOBS

Release Profiles and Potential Exposure Scenarios Lead, PCB, and Benzo(a)pyrene

8/11/06 DMF
Fig7-1 Release lead.cdr

Figure 7-2



JACOBS

Release Profiles and Potential Exposure Scenarios TCE

7/6/05 DMF
Fig7-1 Release nitro.cdr

Figure 7-3

Table 1-1
Soil Samples Collected at AA1 – 1998 SI

Soil Sample Identification	Soil Boring Identification	Date of Collection	Sample Depth (feet bgs)
PBOW-98-AA1-SB01-6010-(0.5-1.5)	AA1-SB01	4/30/98	0-1
PBOW-98-AA1-SB01-6020-(8.0-10)			8.0-10.0
PBOW-98-AA1-SB02-6030-(0.5-1.5)	AA1-SB02	4/30/98	0-1
PBOW-98-AA1-SB02-6040-(6.0-8.0)			6.0-8.0
PBOW-98-AA1-SB03-6050-(0.5-1.5)	AA1-SB03	4/29/98	0-1
PBOW-98-AA1-SB03-6060-(6.0-8.0)			6.0-8.0
PBOW-98-AA1-SB04-6070-(0.5-1.5)	AA1-SB04	4/29/98	0-1
PBOW-98-AA1-SB04-6080-(8.0-10)			8.0-10.0
PBOW-98-AA1-SB05-6090-(0.5-1.5)	AA1-SB05	4/30/98	0-1
PBOW-98-AA1-SB05-6100-(6.0-8.0)			6.0-8.0
PBOW-98-AA1-SB06-6110-(0.5-1.5)	AA1-SB06	4/29/98	0-1
PBOW-98-AA1-SB06-6120-(6.0-8.0)			6.0-8.0
PBOW-98-AA1-SB07-6130-(0.5-1.5)	AA1-SB07	4/29/98	0-1
PBOW-98-AA1-SB07-6140-(2.0-4.0)			2.0-4.0
PBOW-98-AA1-SB08-6150-(0.5-1.5)	AA1-SB08	4/29/98	0-1
PBOW-98-AA1-SB08-6160-(2.0-4.0)			2.0-4.0
PBOW-98-AA1-SB09-6170-(0.5-1.5)	AA1-SB09	4/30/98	0-1
PBOW-98-AA1-SB09-6180-(2.0-4.0)			2.0-4.0
PBOW-98-AA1-SB10-6190-(0.5-1.5)	AA1-SB10	4/30/98	0-1
PBOW-98-AA1-SB10-6200-(4.0-6.0)			4.0-6.0
PBOW-98-AA1-SB11-6210-(0.5-1.5)	AA1-SB11	4/30/98	0-1
PBOW-98-AA1-SB11-6220-(4.0-6.0)			4.0-6.0
PBOW-98-AA1-SB12-6230-(0.5-1.5)	AA1-SB12	4/30/98	0-1
PBOW-98-AA1-SB12-6240-(2.0-4.0)			2.0-4.0
PBOW-98-AA1-SB13-6250-(0.5-1.5)	AA1-SB13	4/29/98	0-1
PBOW-98-AA1-SB13-6260-(2.0-4.0)			2.0-4.0
PBOW-98-AA1-SB14-6270-(0.5-1.5)	AA1-SB14	4/29/98	0-1
PBOW-98-AA1-SB14-6280-(8.0-10)			8.0-10.0
PBOW-98-AA1-SB15-6290-(0.5-1.5)	AA1-SB15	4/29/98	0-1
PBOW-98-AA1-SB15-6300-(8.0-10)			8.0-10.0

Table taken from 1998 SI Report, Table 2-1

TABLE 2-1
PRECIPITATION DATA FOR SANDUSKY, OHIO

Month	Mean (inches)	Extreme High (inches)	Year of Extreme High	Extreme Low (inches)	Year of Extreme Low	Mean Snowfall (inches)
January	1.87	6.58	1937	0.19	1961	8.8
February	1.72	4.53	1950	0.02	1987	6.0
March	2.51	8.69	1913	0.28	1910	3.0
April	3.03	7.19	1961	0.35	1915	0.6
May	3.42	9.04	1943	0.64	1934	0.0
June	4.19	12.51	1937	0.68	1988	0.0
July	3.34	12.60	1966	0.26	1916	0.0
August	3.65	9.93	1975	0.40	1996	0.0
September	3.16	7.72	1950	0.73	1928	0.0
October	2.30	6.22	1917	0.03	1963	0.0
November	2.73	6.53	1982	0.09	1904	0.3
December	2.54	6.44	1990	0.65	1943	4.6
Annual	34.46	50.50	1950	16.85	1901	23.3

Source: Midwestern Regional Climate Center, NOAA December 2008

TABLE 2-2
TEMPERATURE DATA FOR SANDUSKY, OHIO

Month	Average Monthly Temperature			Mean Extreme High (°F)	Year of Extreme High	Mean Extreme Low (°F)	Year of Extreme Low
	Maximum (°F)	Minimum (°F)	Mean (°F)				
January	32.2	18.9	25.6	39.1	1932	11.9	1977
February	35.0	21.0	28.0	37.1	1954	14.9	1978
March	44.3	29.5	36.9	49.2	1945	26.7	1960
April	55.9	39.6	47.8	56.5	1955	40.4	1907
May	67.4	51.3	59.4	66.5	1962	52.1	1917
June	77.2	61.2	69.2	75.0	1934	63.6	1903
July	81.8	65.7	73.8	79.1	1949	70.2	2000
August	79.9	64.0	72.0	77.8	1947	67.1	1927
September	73.4	56.9	65.2	70.6	1931	58.4	1918
October	61.8	45.7	53.8	62.0	1900	45.5	1925
November	49.1	36.0	42.6	49.6	2001	34.9	1976
December	37.2	25.1	31.2	39.7	1982	17.2	1989
Annual	57.9	42.9	50.5	54.2	1921	45.6	1982

Source: Midwestern Regional Climate Center, NOAA December 2008

Table 3-1
Soil Samples Collected During 2004 RI

Location	Sample Depths (ft bgs)		
	0.5 - 1.5	3.0 - 5.0	8.0 - 10.0
AA1-SB16	x	x	
AA1-SB17	x	x	
AA1-SB18	x	x	
AA1-SB19	x	x	
AA1-SB20	x	x	
AA1-SB21	x	x	
AA1-SB22	x	x	
AA1-SB23	x	x	
AA1-SB24	x	x	
AA1-SB25	x		x
AA1-SB26	x	x	
AA1-SB27	x	x	
AA1-SB28	x		x
AA1-SB29	x	x	
AA1-SB30	x	x	
AA1-SB31	x	x	
AA1-SB32	x		x
AA1-SB33	x		x
AA1-SB34	x	x	
AA1-SB35	x	x	
AA1-SB36	x		x
AA1-SB37	x		x
AA1-SB38	x		

Table 4-1 Summa.. , of Organic Compounds Detected in Surface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB01 04/30/1998 0.0-1.0 ft. Result	VQ	AA1-SB01 (field dup) 04/30/1998 0.0-1.0 ft. Result	VQ	AA1-SB02 04/30/1998 0.0-1.0 ft. Result	VQ	AA1-SB03 04/29/1998 0.0-1.0 ft. Result	VQ	AA1-SB04 04/29/1998 0.0-1.0 ft. Result	VQ	AA1-SB05 04/30/1998 0.0-1.0 ft. Result	VQ	AA1-SB06 04/29/1998 0.0-1.0 ft. Result	VQ	AA1-SB07 04/29/1998 0.0-1.0 ft. Result	VQ	AA1-SB08 04/29/1998 0.0-1.0 ft. Result	VQ
Explosives																							
1,3,5-Trinitrobenzene	SW8330	300		180000	ug/Kg	250	U	250	U	300													
2,4,6-Trinitrotoluene	SW8330	320		16000	ug/Kg	250	U	250	U	320													
2,4-Dinitrotoluene	SW8330	2500		12000	ug/Kg	250	U	250	U	2500													
4-Amino-2,6-Dinitrotoluene	SW8330	810			ug/Kg	250	U	250	U	810													
4-Nitrotoluene	SW8330	180		12000	ug/Kg																		
Polychlorinated Biphenyls (PCBs)																							
PCB-1254 (Aroclor 1254)	SW8082	7100		220	ug/Kg																		
PCB-1260 (Aroclor 1260)	SW8081	9000		220	ug/Kg	140		**3400**		38	U	40	U	40	U	45		160		73		**9000**	
PCB-1260 (Aroclor 1260)	SW8082	18000		220	ug/Kg																		
Semivolatile Organic Compounds																							
2,4-Dinitrotoluene	SW8270	460		12000	ug/Kg	410	U	430	U	460		400	U	400	U	410	U	420	U	390	U	400	U
2-Methylnaphthalene	SW8270	410			ug/Kg	410	U	430	U	380	U	400	U	400	U	410	U	420	U	390	U	400	U
Acenaphthylene	SW8270	150			ug/Kg	410	U	430	U	380	U	400	U	400	U	410	U	420	U	390	U	400	U
Anthracene	SW8270	120		2200000	ug/Kg	410	U	430	U	380	U	400	U	400	U	410	U	420	U	390	U	400	U
Benzo(a)anthracene	SW8270	660		620	ug/Kg	410	U	130	J	380	U	400	U	400	U	410	U	420	U	390	U	400	U
Benzo(a)pyrene	SW8270	850		62	ug/Kg	29	J	**110**	J	21	J	400	U	400	U	410	U	420	U	390	U	400	U
Benzo(b)fluoranthene	SW8270	1400		620	ug/Kg	410	U	120	J	380	U	400	U	400	U	410	U	420	U	390	U	400	U
Benzo(g,h,i)perylene	SW8270	570			ug/Kg	410	U	88	J	380	U	400	U	400	U	410	U	420	U	390	U	400	U
Benzo(k)fluoranthene	SW8270	580		6200	ug/Kg	410	U	130	J	380	U	400	U	400	U	410	U	420	U	390	U	400	U
Chrysene	SW8270	810		62000	ug/Kg	410	U	150	J	380	U	400	U	400	U	410	U	420	U	390	U	400	U
Dibenz(a,h)anthracene	SW8270	160		62	ug/Kg	410	U	430	U	380	U	400	U	400	U	410	U	420	U	390	U	400	U
Fluoranthene	SW8270	1200		230000	ug/Kg	58	J	320	J	380	U	400	U	400	U	410	U	420	U	390	U	400	U
Indeno(1,2,3-cd)pyrene	SW8270	720		620	ug/Kg	410	U	75	J	380	U	400	U	400	U	410	U	420	U	390	U	400	U
Naphthalene	SW8270	160		5600	ug/Kg	410	U	430	U	380	U	400	U	400	U	410	U	420	U	390	U	400	U
Phenanthrene	SW8270	580			ug/Kg	410	U	130	J	380	U	400	U	400	U	410	U	420	U	390	U	400	U
Phenol	SW8270	45		1800000	ug/Kg	410	U	430	U	380	U	400	U	400	U	410	U	420	U	390	U	400	U
Pyrene	SW8270	960		230000	ug/Kg	51	J	230	J	380	U	400	U	400	U	410	U	420	U	390	U	400	U
bis(2-Ethylhexyl)phthalate	SW8270	210		35000	ug/Kg	410	U	100	J	39	J	400	U	400	U	210	J	49	J	95	J	400	U

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-1 Summa., .. Organic Compounds Detected in Surface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB01 04/30/1998 0.0-1.0 ft. Result	VQ	AA1-SB01 (field dup) 04/30/1998 0.0-1.0 ft. Result	VQ	AA1-SB02 04/30/1998 0.0-1.0 ft. Result	VQ	AA1-SB03 04/29/1998 0.0-1.0 ft. Result	VQ	AA1-SB04 04/29/1998 0.0-1.0 ft. Result	VQ	AA1-SB05 04/30/1998 0.0-1.0 ft. Result	VQ	AA1-SB06 04/29/1998 0.0-1.0 ft. Result	VQ	AA1-SB07 04/29/1998 0.0-1.0 ft. Result	VQ	AA1-SB08 04/29/1998 0.0-1.0 ft. Result	VQ
Volatile Organic Compounds																							
1,1,1-Trichloroethane	SW8260	160		200000	ug/Kg	6.2	U	6.5	U	5.7	U	6	U	6	U	6.3	U	6.4	U	5.9	U	6.1	U
1,2,4-Trichlorobenzene	SW8260	0.74		6200	ug/Kg																		
2-Butanone (Methyl ethyl ketone)	SW8260	20		2200000	ug/Kg	25	U	26	U	23	U	24	U	24	U	25	U	26	U	24	U	24	U
Acetone	SW8260	170		1400000	ug/Kg	25	U	26	U	23	U	24	U	24	U	25	U	26	U	24	U	24	U
Benzene	SW8260	3.8		640	ug/Kg	6.2	U	6.5	U	5.7	U	6	U	6	U	6.3	U	6.4	U	5.9	U	6.1	U
Carbon Disulfide	SW8260	30		36000	ug/Kg	6.2	U	6.5	U	5.7	U	6	U	6	U	6.3	U	6.4	U	5.9	U	6.1	U
Chloromethane	SW8260	1.2		4700	ug/Kg	12	U	13	U	11	U	12	U	12	U	13	U	13	U	12	U	12	U
Cyclohexane	SW8260	46		280000	ug/Kg																		
Ethylbenzene	SW8260	3		190000	ug/Kg	6.2	U	6.5	U	5.7	U	6	U	6	U	6.3	U	6.4	U	5.9	U	6.1	U
Methyl Acetate	SW8260	460		2200000	ug/Kg																		
Methylcyclohexane	SW8260	3300		260000	ug/Kg																		
Methylene Chloride	SW8260	7.8		9100	ug/Kg	7.5	U	7.5	U	5.8	U	7.8	U	7.7	U	2.5	J	6.4	U	5.9	U	6.1	U
Toluene	SW8260	56		66000	ug/Kg	6.2	U	6.5	U	5.7	U	6	U	1.8	J	6.3	U	6.4	U	5.9	U	6.1	U
Trichloroethene (TCE)	SW8260	1.7		53	ug/Kg	6.2	U	6.5	U	5.7	U	6	U	6	U	6.3	U	6.4	U	5.9	U	6.1	U
Xylenes, Total	SW8260	200		27000	ug/Kg	6.2	U	6.5	U	5.7	U	6	U	6	U	6.3	U	6.4	U	5.9	U	6.1	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-1 Summa. , .r Organic Compounds Detected in Surface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location	AA1-SB09		AA1-SB10		AA1-SB11		AA1-SB12		AA1-SB13		AA1-SB14		AA1-SB15		AA1-SB16		AA1-SB17	
					Date	04/30/1998		04/30/1998		04/30/1998		04/30/1998		04/29/1998		04/29/1998		04/30/1998		04/18/2007		04/19/2007	
					Depth	0.0-1.0 ft.		0.0-1.0 ft.		0.0-1.0 ft.		0.0-1.0 ft.		0.0-1.0 ft.		0.0-1.0 ft.		0.0-1.0 ft.		0.5-1.5 ft.		0.5-1.5 ft.	
					Units	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Explosives																							
1,3,5-Trinitrobenzene	SW8330	300		180000	ug/Kg															100	U	100	UJ
2,4,6-Trinitrotoluene	SW8330	320		16000	ug/Kg															100	U	100	UJ
2,4-Dinitrotoluene	SW8330	2500		12000	ug/Kg															130	J	130	UJ
4-Amino-2,6-Dinitrotoluene	SW8330	810			ug/Kg															100	U	100	UJ
4-Nitrotoluene	SW8330	180		12000	ug/Kg															100	U	100	UJ
Polychlorinated Biphenyls (PCBs)																							
PCB-1254 (Aroclor 1254)	SW8082	7100		220	ug/Kg															**4900**		**5400**	**J**
PCB-1260 (Aroclor 1260)	SW8081	9000		220	ug/Kg	40	U	41	U	150	AP	**250**	**J**	39	U	220		**6200**					
PCB-1260 (Aroclor 1260)	SW8082	18000		220	ug/Kg															**8100**		**12000**	**J**
Semivolatile Organic Compounds																							
2,4-Dinitrotoluene	SW8270	460		12000	ug/Kg	400	U	410	U	390	U	400	U	390	U	410	U	400	U	27	U	30	UJ
2-Methylnaphthalene	SW8270	410			ug/Kg	400	U	410	U	390	U	400	U	390	U	410	U	400	U	100	J	43	UJ
Acenaphthylene	SW8270	150			ug/Kg	400	U	410	U	390	U	400	U	390	U	410	U	400	U	22	U	150	J
Anthracene	SW8270	120		2200000	ug/Kg	400	U	410	U	390	U	400	U	390	U	26	J	400	U	31	U	120	J
Benzo(a)anthracene	SW8270	660		620	ug/Kg	400	U	410	U	36	J	400	U	390	U	79	J	400	U	41	U	**660**	**J**
Benzo(a)pyrene	SW8270	850		62	ug/Kg	400	U	42	J	37	J	400	U	390	U	**78**	**J**	400	U	26	U	**850**	**J**
Benzo(b)fluoranthene	SW8270	1400		620	ug/Kg	400	U	410	U	390	U	400	U	390	U	94	J	400	U	36	U	**1400**	**J**
Benzo(g,h,i)perylene	SW8270	570			ug/Kg	400	U	410	U	390	U	400	U	390	U	410	U	400	U	80	U	570	J
Benzo(k)fluoranthene	SW8270	580		6200	ug/Kg	400	U	410	U	390	U	400	U	390	U	75	J	400	U	45	U	580	J
Chrysene	SW8270	810		62000	ug/Kg	400	U	410	U	45	J	400	U	390	U	100	J	400	U	35	U	810	J
Dibenz(a,h)anthracene	SW8270	160		62	ug/Kg	400	U	410	U	390	U	400	U	390	U	410	U	400	U	68	U	**160**	**J**
Fluoranthene	SW8270	1200		230000	ug/Kg	400	U	44	J	82	J	400	U	390	U	160	J	400	U	61	U	1200	J
Indeno(1,2,3-cd)pyrene	SW8270	720		620	ug/Kg	400	U	410	U	390	U	400	U	390	U	43	J	400	U	52	U	**720**	**J**
Naphthalene	SW8270	160		5600	ug/Kg	400	U	410	U	390	U	400	U	390	U	410	U	400	U	37	U	40	UJ
Phenanthrene	SW8270	580			ug/Kg	400	U	410	U	390	U	400	U	390	U	57	J	400	U	26	U	580	J
Phenol	SW8270	45		1800000	ug/Kg	400	U	410	U	390	U	400	U	390	U	410	U	400	U	41	UJ	45	J
Pyrene	SW8270	960		230000	ug/Kg	400	U	410	U	52	J	400	U	390	U	110	J	400	U	45	U	960	J
bis(2-Ethylhexyl)phthalate	SW8270	210		35000	ug/Kg	58	J	410	U	390	U	400	U	390	U	410	U	400	U	41	U	45	UJ

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-1 Summa., of Organic Compounds Detected in Surface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB09 04/30/1998 0.0-1.0 ft. Result	VQ	AA1-SB10 04/30/1998 0.0-1.0 ft. Result	VQ	AA1-SB11 04/30/1998 0.0-1.0 ft. Result	VQ	AA1-SB12 04/30/1998 0.0-1.0 ft. Result	VQ	AA1-SB13 04/29/1998 0.0-1.0 ft. Result	VQ	AA1-SB14 04/29/1998 0.0-1.0 ft. Result	VQ	AA1-SB15 04/30/1998 0.0-1.0 ft. Result	VQ	AA1-SB16 04/18/2007 0.5-1.5 ft. Result	VQ	AA1-SB17 04/19/2007 0.5-1.5 ft. Result	VQ
Volatile Organic Compounds																							
1,1,1-Trichloroethane	SW8260	160		200000	ug/Kg	6	U	6.2	U	2.1	J	6.1	U	5.9	U	6.2	U	6	U	1.1	U	0.6	U
1,2,4-Trichlorobenzene	SW8260	0.74		6200	ug/Kg															0.21	U	0.12	U
2-Butanone (Methyl ethyl ketone)	SW8260	20		2200000	ug/Kg	24	U	25	U	24	U	24	U	23	U	25	U	24	U	1.7	U	0.94	U
Acetone	SW8260	170		1400000	ug/Kg	24	U	25	U	24	U	24	U	23	U	25	U	24	U	24	U	34	U
Benzene	SW8260	3.8		640	ug/Kg	6	U	6.2	U	6	U	6.1	U	5.9	U	6.2	U	6	U	1.3	J	1	J
Carbon Disulfide	SW8260	30		36000	ug/Kg	6	U	6.2	U	6	U	6.1	U	5.9	U	6.2	U	6	U	3.4	J	9.4	J
Chloromethane	SW8260	1.2		4700	ug/Kg	12	U	12	U	12	U	12	U	12	U	12	U	12	U	0.62	U	0.35	U
Cyclohexane	SW8260	46		280000	ug/Kg															6.4		3.6	
Ethylbenzene	SW8260	3		190000	ug/Kg	6	U	6.2	U	6	U	6.1	U	5.9	U	6.2	U	6	U	0.89	U	0.5	U
Methyl Acetate	SW8260	460		2200000	ug/Kg															1.9	U	1.1	U
Methylcyclohexane	SW8260	3300		260000	ug/Kg															9.2		4.8	
Methylene Chloride	SW8260	7.8		9100	ug/Kg	3.2	J	6.2	U	6	U	6.1	U	5.9	U	6.2	U	6	U	0.74	U	0.42	U
Toluene	SW8260	56		66000	ug/Kg	6	U	6.2	U	1.6	J	6.1	U	5.9	U	6.2	U	6	U	2.3	U	1.7	J
Trichloroethene (TCE)	SW8260	1.7		53	ug/Kg	6	U	6.2	U	6	U	6.1	U	5.9	U	6.2	U	6	U	1	U	0.57	U
Xylenes, Total	SW8260	200		27000	ug/Kg	6	U	6.2	U	6	U	6.1	U	5.9	U	6.2	U	6	U	3.3	J	1.1	J

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-1 Summa., of Organic Compounds Detected in Surface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB18 04/18/2007 0.5-1.5 ft. Result	VQ	AA1-SB19 04/18/2007 0.5-1.5 ft. Result	VQ	AA1-SB20 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB21 04/18/2007 0.5-1.5 ft. Result	VQ	AA1-SB22 04/18/2007 0.5-1.5 ft. Result	VQ	AA1-SB23 04/18/2007 0.5-1.5 ft. Result	VQ	AA1-SB24 04/18/2007 0.5-1.5 ft. Result	VQ	AA1-SB25 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB26 04/19/2007 0.5-1.5 ft. Result	VQ
Explosives																							
1,3,5-Trinitrobenzene	SW8330	300		180000	ug/Kg	83	U	100	U	100	UJ	100	U	95	U	95	U	95	U	100	UJ	83	UJ
2,4,6-Trinitrotoluene	SW8330	320		16000	ug/Kg	83	U	100	U	100	UJ	100	U	95	U	95	U	95	U	100	UJ	83	UJ
2,4-Dinitrotoluene	SW8330	2500		12000	ug/Kg	110	U	130	U	130	UJ	250	J	120	U	120	U	120	U	130	UJ	110	UJ
4-Amino-2,6-Dinitrotoluene	SW8330	810			ug/Kg	83	U	100	U	100	UJ	100	U	95	U	95	U	95	U	100	UJ	83	UJ
4-Nitrotoluene	SW8330	180		12000	ug/Kg	83	U	100	U	100	UJ	180	J	95	U	95	U	95	U	100	UJ	83	UJ
Polychlorinated Biphenyls (PCBs)																							
PCB-1254 (Aroclor 1254)	SW8082	7100		220	ug/Kg	**6900**		**3400**		**3200**	**J**	200		5.1	U	**590**		**5100**		**6200**	**J**	**470**	**J**
PCB-1260 (Aroclor 1260)	SW8081	9000		220	ug/Kg																		
PCB-1260 (Aroclor 1260)	SW8082	18000		220	ug/Kg	**12000**		**6800**		**7600**	**J**	**630**	**J**	5.1	U	**1400**		**9000**		**18000**	**J**	**1400**	**J**
Semivolatile Organic Compounds																							
2,4-Dinitrotoluene	SW8270	460		12000	ug/Kg	29	U	29	U	29	UJ	27	U	29	U	29	U	58	J	27	UJ	28	UJ
2-Methylnaphthalene	SW8270	410			ug/Kg	42	U	42	U	42	UJ	220	J	42	U	42	U	42	U	39	UJ	41	UJ
Acenaphthylene	SW8270	150			ug/Kg	23	U	24	U	24	UJ	22	U	24	U	24	U	24	U	22	UJ	23	UJ
Anthracene	SW8270	120		2200000	ug/Kg	32	U	33	U	33	UJ	30	U	33	U	33	U	33	U	30	UJ	32	UJ
Benzo(a)anthracene	SW8270	660		620	ug/Kg	43	U	44	U	44	UJ	180	J	44	U	82	J	44	U	40	UJ	43	UJ
Benzo(a)pyrene	SW8270	850		62	ug/Kg	27	U	28	U	27	UJ	**170**	**J**	28	U	28	U	28	U	25	UJ	27	UJ
Benzo(b)fluoranthene	SW8270	1400		620	ug/Kg	38	U	38	U	38	UJ	230	J	38	U	38	U	38	U	35	UJ	37	UJ
Benzo(g,h,i)perylene	SW8270	570			ug/Kg	84	U	85	U	85	UJ	79	U	85	U	86	U	86	U	78	UJ	83	UJ
Benzo(k)fluoranthene	SW8270	580		6200	ug/Kg	47	U	47	U	47	UJ	120	J	48	U	48	U	48	U	44	UJ	46	UJ
Chrysene	SW8270	810		62000	ug/Kg	37	U	37	U	37	UJ	250	J	37	U	90	J	37	U	34	UJ	140	J
Dibenz(a,h)anthracene	SW8270	160		62	ug/Kg	72	U	72	U	72	UJ	67	U	73	U	73	U	73	U	67	UJ	71	UJ
Fluoranthene	SW8270	1200		230000	ug/Kg	64	U	77	J	64	UJ	400		65	U	160	J	65	U	59	UJ	63	UJ
Indeno(1,2,3-cd)pyrene	SW8270	720		620	ug/Kg	55	U	55	U	55	UJ	52	U	56	U	56	U	56	U	51	UJ	54	UJ
Naphthalene	SW8270	160		5600	ug/Kg	39	U	39	U	39	UJ	86	J	39	U	39	U	39	U	36	UJ	38	UJ
Phenanthrene	SW8270	580			ug/Kg	27	U	27	U	27	UJ	260	J	28	U	64	J	28	U	25	UJ	27	UJ
Phenol	SW8270	45		1800000	ug/Kg	43	UJ	43	UJ	43	UJ	40	U	44	U	44	UJ	44	UJ	40	UJ	42	UJ
Pyrene	SW8270	960		230000	ug/Kg	48	U	78	J	48	UJ	320	J	48	U	110	J	48	U	44	UJ	47	UJ
bis(2-Ethylhexyl)phthalate	SW8270	210		35000	ug/Kg	43	U	43	U	43	UJ	40	U	44	U	44	U	44	U	40	UJ	42	UJ

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-1 Summary of Organic Compounds Detected in Surface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB18 04/18/2007 0.5-1.5 ft.		AA1-SB19 04/18/2007 0.5-1.5 ft.		AA1-SB20 04/19/2007 0.5-1.5 ft.		AA1-SB21 04/18/2007 0.5-1.5 ft.		AA1-SB22 04/18/2007 0.5-1.5 ft.		AA1-SB23 04/18/2007 0.5-1.5 ft.		AA1-SB24 04/18/2007 0.5-1.5 ft.		AA1-SB25 04/19/2007 0.5-1.5 ft.		AA1-SB26 04/19/2007 0.5-1.5 ft.	
						Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Volatile Organic Compounds																							
1,1,1-Trichloroethane	SW8260	160		200000	ug/Kg	0.86	U	0.86	U	1.2	U	1.4	J	0.86	U	0.82	U	0.83	U	1.8	U	0.85	U
1,2,4-Trichlorobenzene	SW8260	0.74		6200	ug/Kg	0.17	U	0.17	U	0.48	J	0.15	U	0.17	U	0.16	U	0.17	U	0.36	U	0.17	U
2-Butanone (Methyl ethyl ketone)	SW8260	20		2200000	ug/Kg	1.3	U	1.3	U	1.9	U	1.2	U	1.3	U	1.3	U	1.3	U	2.8	U	1.3	U
Acetone	SW8260	170		1400000	ug/Kg	52		70		90		8.6	U	12	U	20	U	9.6	U	60	J	45	J
Benzene	SW8260	3.8		640	ug/Kg	0.45	U	0.86	J	2.2	J	2.4	J	0.45	U	0.43	J	0.43	U	2.9	J	0.68	J
Carbon Disulfide	SW8260	30		36000	ug/Kg	1.2	U	2.2	J	24	J	17		1.2	U	1.4	J	1.2	U	12	J	8.2	J
Chloromethane	SW8260	1.2		4700	ug/Kg	0.5	U	0.49	U	0.72	U	0.43	U	0.5	U	0.47	U	0.48	U	1	U	0.49	U
Cyclohexane	SW8260	46		280000	ug/Kg	0.52	U	1.4	J	8.5		7		0.52	U	1.2	J	0.5	U	10		1.8	J
Ethylbenzene	SW8260	3		190000	ug/Kg	0.72	U	0.71	U	1.2	J	0.89	J	0.72	U	0.68	U	0.69	U	1.5	U	0.71	U
Methyl Acetate	SW8260	460		2200000	ug/Kg	1.5	U	1.5	U	2.2	U	1.3	U	1.5	U	1.5	U	1.5	U	14		1.5	U
Methylcyclohexane	SW8260	3300		260000	ug/Kg	0.29	U	1.9	J	10		8.2		0.29	U	1.6	J	0.28	U	11		2.5	J
Methylene Chloride	SW8260	7.8		9100	ug/Kg	0.6	U	0.59	U	0.86	U	0.52	U	0.59	U	0.57	U	0.57	U	1.2	U	0.58	U
Toluene	SW8260	56		66000	ug/Kg	0.83	U	1.4	U	4.4	U	3.8	U	0.82	U	1.1	U	0.79	U	5.3	J	1.2	J
Trichloroethene (TCE)	SW8260	1.7		53	ug/Kg	0.82	U	0.81	U	1.2	U	1.2	J	0.81	U	0.78	U	0.78	U	1.7	U	0.8	U
Xylenes, Total	SW8260	200		27000	ug/Kg	0.67	U	0.67	U	4.8	J	2.4	J	0.67	U	0.64	U	0.65	U	5.6	J	0.66	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-1 Summary of Organic Compounds Detected in Surface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB27 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB28 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB28 (field dup) 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB29 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB30 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB31 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB31 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB32 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB33 04/20/2007 0.5-1.5 ft. Result	VQ
Explosives																							
1,3,5-Trinitrobenzene	SW8330	300		180000	ug/Kg	83	UJ	100	U	87	U	95	U	80	U	95	UJ	87	UJ	87	UJ	95	UJ
2,4,6-Trinitrotoluene	SW8330	320		16000	ug/Kg	83	UJ	100	U	87	U	95	U	80	U	95	UJ	87	UJ	87	UJ	95	UJ
2,4-Dinitrotoluene	SW8330	2500		12000	ug/Kg	110	UJ	130	U	110	U	180	J	100	U	120	UJ	110	UJ	110	UJ	120	UJ
4-Amino-2,6-Dinitrotoluene	SW8330	810			ug/Kg	83	UJ	100	U	87	U	95	U	80	U	95	UJ	87	UJ	87	UJ	95	UJ
4-Nitrotoluene	SW8330	180		12000	ug/Kg	83	UJ	100	U	87	U	95	U	80	U	95	UJ	87	UJ	87	UJ	95	UJ
Polychlorinated Biphenyls (PCBs)																							
PCB-1254 (Aroclor 1254)	SW8082	7100		220	ug/Kg	**1200**	**J**	180		**290**		**7100**		**4000**		**2700**	**J**	**630**	**J**	**630**	**J**	**4200**	**J**
PCB-1260 (Aroclor 1260)	SW8081	9000		220	ug/Kg																		
PCB-1260 (Aroclor 1260)	SW8082	18000		220	ug/Kg	**2900**	**J**	**460**		**590**		**5200**		**9700**		**5500**	**J**	**400**	**J**	**400**	**J**	**2300**	**J**
Semivolatile Organic Compounds																							
2,4-Dinitrotoluene	SW8270	460		12000	ug/Kg	54	J	29	U	29	U	28	U	27	U	26	UJ	27	UJ	27	UJ	26	UJ
2-Methylnaphthalene	SW8270	410			ug/Kg	47	J	42	U	42	U	44	J	40	U	170	J	410	J	410	J	40	J
Acenaphthylene	SW8270	150			ug/Kg	23	UJ	24	U	24	U	23	U	22	U	21	UJ	22	UJ	22	UJ	21	UJ
Anthracene	SW8270	120		2200000	ug/Kg	33	UJ	33	U	33	U	32	U	31	U	30	UJ	31	UJ	31	UJ	29	UJ
Benzo(a)anthracene	SW8270	660		620	ug/Kg	44	UJ	44	U	44	U	43	U	41	U	48	J	77	J	77	J	200	J
Benzo(a)pyrene	SW8270	850		62	ug/Kg	27	UJ	28	U	28	U	27	U	26	U	25	UJ	26	UJ	26	UJ	**200**	**J**
Benzo(b)fluoranthene	SW8270	1400		620	ug/Kg	38	UJ	38	U	38	U	37	U	36	U	34	UJ	36	UJ	36	UJ	33	UJ
Benzo(g,h,i)perylene	SW8270	570			ug/Kg	84	UJ	85	U	86	U	84	U	80	U	77	UJ	80	UJ	80	UJ	110	J
Benzo(k)fluoranthene	SW8270	580		6200	ug/Kg	47	UJ	47	U	48	U	47	U	44	U	43	UJ	45	UJ	45	UJ	42	UJ
Chrysene	SW8270	810		62000	ug/Kg	37	UJ	37	U	38	U	37	U	35	U	83	J	84	J	84	J	240	J
Dibenz(a,h)anthracene	SW8270	160		62	ug/Kg	72	UJ	72	U	73	U	71	U	68	U	66	UJ	69	UJ	69	UJ	64	UJ
Fluoranthene	SW8270	1200		230000	ug/Kg	64	UJ	64	U	65	U	64	U	61	U	80	J	120	J	120	J	300	J
Indeno(1,2,3-cd)pyrene	SW8270	720		620	ug/Kg	55	UJ	56	U	56	U	55	U	52	U	50	UJ	52	UJ	52	UJ	49	UJ
Naphthalene	SW8270	160		5600	ug/Kg	39	UJ	39	U	39	U	38	U	37	U	36	UJ	160	J	160	J	34	UJ
Phenanthrene	SW8270	580			ug/Kg	27	UJ	28	U	28	U	27	U	26	U	110	J	220	J	220	J	350	J
Phenol	SW8270	45		1800000	ug/Kg	43	UJ	43	U	44	U	43	U	41	U	39	UJ	41	UJ	41	UJ	38	UJ
Pyrene	SW8270	960		230000	ug/Kg	48	UJ	48	U	48	U	47	U	45	U	80	J	50	UJ	50	UJ	42	UJ
bis(2-Ethylhexyl)phthalate	SW8270	210		35000	ug/Kg	43	UJ	44	U	44	U	43	U	41	U	40	UJ	41	UJ	41	UJ	38	UJ

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-1 Summary of Organic Compounds Detected in Surface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB27 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB28 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB28 (field dup) 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB29 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB30 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB31 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB31 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB32 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB33 04/20/2007 0.5-1.5 ft. Result	VQ
Volatile Organic Compounds																							
1,1,1-Trichloroethane	SW8260	160		200000	ug/Kg	0.91	U	0.82	U	0.92	U	53	U	1.1	U	1.6	UJ	59	U	59	U	46	U
1,2,4-Trichlorobenzene	SW8260	0.74		6200	ug/Kg	0.22	J	0.16	U	0.18	U	11	U	0.23	U	0.74	J	12	U	12	U	9.1	UJ
2-Butanone (Methyl ethyl ketone)	SW8260	20		2200000	ug/Kg	1.4	U	1.3	U	1.4	U	83	U	1.8	U	2.5	UJ	91	U	91	U	71	U
Acetone	SW8260	170		1400000	ug/Kg	89	J	58		48	J	120	U	66		110	J	170	J	170	J	100	U
Benzene	SW8260	3.8		640	ug/Kg	0.47	U	0.43	U	0.48	U	28	U	2.2	J	3.6	J	31	U	31	U	24	U
Carbon Disulfide	SW8260	30		36000	ug/Kg	1.6	J	1.4	J	1.3	U	77	U	6.6	J	16	J	85	U	85	U	66	U
Chloromethane	SW8260	1.2		4700	ug/Kg	0.52	U	0.48	U	0.53	U	31	U	0.66	U	1.2	J	34	U	34	U	26	U
Cyclohexane	SW8260	46		280000	ug/Kg	0.9	J	0.63	J	1.2	J	32	U	13		15	J	35	U	35	U	46	J
Ethylbenzene	SW8260	3		190000	ug/Kg	0.76	U	0.69	U	0.76	U	44	U	1.6	J	2.4	J	49	U	49	U	38	U
Methyl Acetate	SW8260	460		2200000	ug/Kg	1.6	U	1.5	U	2.1	J	460		2	U	14	J	350		350		81	U
Methylcyclohexane	SW8260	3300		260000	ug/Kg	1.3	J	0.8	J	0.3	U	300	J	27		19	J	3300		3300		15	U
Methylene Chloride	SW8260	7.8		9100	ug/Kg	0.62	U	0.57	U	0.63	U	37	U	0.79	U	1.1	UJ	40	U	40	U	31	U
Toluene	SW8260	56		66000	ug/Kg	0.87	U	0.79	U	0.88	U	51	U	4.9	J	8	J	56	U	56	U	56	J
Trichloroethene (TCE)	SW8260	1.7		53	ug/Kg	0.86	U	0.78	U	0.87	U	50	U	1.1	U	1.5	UJ	55	U	55	U	43	U
Xylenes, Total	SW8260	200		27000	ug/Kg	0.7	U	0.64	U	0.71	U	42	U	9.5		12	J	180	J	180	J	35	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-1 Summa., of Organic Compounds Detected in Surface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB34 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB35 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB36 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB37 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB38 04/20/2007 0.5-1.5 ft. Result	VQ
Explosives															
1,3,5-Trinitrobenzene	SW8330	300		180000	ug/Kg	87	UJ	100	UJ	83	UJ	80	UJ	87	UJ
2,4,6-Trinitrotoluene	SW8330	320		16000	ug/Kg	87	UJ	100	UJ	83	UJ	80	UJ	87	UJ
2,4-Dinitrotoluene	SW8330	2500		12000	ug/Kg	110	UJ	130	UJ	110	UJ	100	UJ	110	UJ
4-Amino-2,6-Dinitrotoluene	SW8330	810			ug/Kg	87	UJ	100	UJ	83	UJ	80	UJ	87	UJ
4-Nitrotoluene	SW8330	180		12000	ug/Kg	87	UJ	100	UJ	83	UJ	80	UJ	87	UJ
Polychlorinated Biphenyls (PCBs)															
PCB-1254 (Aroclor 1254)	SW8082	7100		220	ug/Kg	**4600**	**J**	68	J	**400**	**J**	**1900**	**J**	**330**	**J**
PCB-1260 (Aroclor 1260)	SW8081	9000		220	ug/Kg										
PCB-1260 (Aroclor 1260)	SW8082	18000		220	ug/Kg	**3700**	**J**	59	J	**270**	**J**	**1600**	**J**	140	J
Semivolatile Organic Compounds															
2,4-Dinitrotoluene	SW8270	460		12000	ug/Kg	27	UJ	32	UJ	30	UJ	30	UJ	30	UJ
2-Methylnaphthalene	SW8270	410			ug/Kg	39	UJ	46	UJ	200	J	43	UJ	44	UJ
Acenaphthylene	SW8270	150			ug/Kg	22	UJ	26	UJ	25	UJ	24	UJ	25	UJ
Anthracene	SW8270	120		2200000	ug/Kg	31	UJ	120	J	34	UJ	34	UJ	34	UJ
Benzo(a)anthracene	SW8270	660		620	ug/Kg	41	UJ	310	J	160	J	45	UJ	46	UJ
Benzo(a)pyrene	SW8270	850		62	ug/Kg	26	UJ	**270**	**J**	29	UJ	28	UJ	29	UJ
Benzo(b)fluoranthene	SW8270	1400		620	ug/Kg	36	UJ	330	J	190	J	39	UJ	40	UJ
Benzo(g,h,i)perylene	SW8270	570			ug/Kg	80	UJ	140	J	89	UJ	87	UJ	89	UJ
Benzo(k)fluoranthene	SW8270	580		6200	ug/Kg	44	UJ	220	J	100	J	48	UJ	50	UJ
Chrysene	SW8270	810		62000	ug/Kg	35	UJ	330	J	200	J	38	UJ	39	UJ
Dibenz(a,h)anthracene	SW8270	160		62	ug/Kg	68	UJ	79	UJ	76	UJ	74	UJ	76	UJ
Fluoranthene	SW8270	1200		230000	ug/Kg	130	J	540	J	300	J	72	J	68	UJ
Indeno(1,2,3-cd)pyrene	SW8270	720		620	ug/Kg	52	UJ	61	UJ	58	UJ	57	UJ	58	UJ
Naphthalene	SW8270	160		5600	ug/Kg	37	UJ	43	UJ	64	J	40	UJ	41	UJ
Phenanthrene	SW8270	580			ug/Kg	110	J	460	J	290	J	28	UJ	29	UJ
Phenol	SW8270	45		1800000	ug/Kg	41	UJ	47	UJ	45	UJ	44	UJ	45	UJ
Pyrene	SW8270	960		230000	ug/Kg	170	J	650	J	290	J	69	J	50	UJ
bis(2-Ethylhexyl)phthalate	SW8270	210		35000	ug/Kg	41	UJ	48	UJ	46	UJ	44	UJ	46	UJ

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-1 Summa., .f Organic Compounds Detected in Surface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB34 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB35 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB36 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB37 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB38 04/20/2007 0.5-1.5 ft. Result	VQ
Volatile Organic Compounds															
1,1,1-Trichloroethane	SW8260	160		200000	ug/Kg	3.8	J	1	U	160	J	0.88	U	0.92	U
1,2,4-Trichlorobenzene	SW8260	0.74		6200	ug/Kg	0.27	UJ	0.21	U	13	U	0.18	U	0.18	U
2-Butanone (Methyl ethyl ketone)	SW8260	20		2200000	ug/Kg	2.1	U	20	J	100	U	1.4	U	1.4	U
Acetone	SW8260	170		1400000	ug/Kg	69	J	140		150	U	27	U	32	U
Benzene	SW8260	3.8		640	ug/Kg	3.6	J	0.55	U	35	U	3.8	J	0.48	U
Carbon Disulfide	SW8260	30		36000	ug/Kg	30	J	1.5	U	96	U	1.7	J	1.3	U
Chloromethane	SW8260	1.2		4700	ug/Kg	0.78	U	0.61	U	39	U	0.51	U	0.53	U
Cyclohexane	SW8260	46		280000	ug/Kg	22	J	0.63	U	40	U	9.4		0.55	U
Ethylbenzene	SW8260	3		190000	ug/Kg	3	J	0.88	U	56	U	1.2	J	0.76	U
Methyl Acetate	SW8260	460		2200000	ug/Kg	2.4	U	1.9	U	120	U	1.6	U	1.6	U
Methylcyclohexane	SW8260	3300		260000	ug/Kg	38	J	0.35	U	1100		12		0.3	U
Methylene Chloride	SW8260	7.8		9100	ug/Kg	0.93	U	0.73	U	46	U	0.61	U	0.63	U
Toluene	SW8260	56		66000	ug/Kg	8		1	U	67	U	5.4		0.88	U
Trichloroethene (TCE)	SW8260	1.7		53	ug/Kg	1.3	UJ	1	U	63	U	1.7	J	0.86	U
Xylenes, Total	SW8260	200		27000	ug/Kg	12	J	0.82	U	200	J	3.1	J	0.71	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-2 Summary of Metals
Detected in Surface Soil at Acid Area 1

					Location	AA1-SB01		AA1-SB01 (field dup)		AA1-SB02		AA1-SB03		AA1-SB04		AA1-SB05		AA1-SB06		AA1-SB07		AA1-SB08		AA1-SB09	
					Date	04/30/1998		04/30/1998		04/30/1998		04/29/1998		04/29/1998		04/30/1998		04/29/1998		04/29/1998		04/29/1998		04/30/1998	
					Depth	0.0-1.0 ft.		0.0-1.0 ft.		0.0-1.0 ft.		0.0-1.0 ft.		0.0-1.0 ft.		0.0-1.0 ft.		0.0-1.0 ft.		0.0-1.0 ft.		0.0-1.0 ft.		0.0-1.0 ft.	
Analyte	Method	Detect	Bkg.	PRG*	Units	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
General Chemistry																									
pH	SW9045	8.1			PH_UNITS	7.2		7.3		6.8		8	J	7.2	J	7.6		7.3	J	7	J	7.8	J	7.8	
Wet Chemistry																									
Sulfate (as SO4)	SW9056	3910			mg/Kg	823		3610		166		2840		94.3		21.4		3910		321		13.4		12	U
Metals																									
Aluminum	SW6010	14300	15500	7600	mg/Kg	7730		5980		1920		7520		8190		6260		155		9060		5800		14300	
Antimony	SW6010	9.5	9.3	3.1	mg/Kg	7.4	UJ	7.8	UJ	6.8	UJ	7.2	UJ	7.3	UJ	7.5	UJ	7.7	UJ	7.1	UJ	7.3	UJ	7.2	UJ
Arsenic	SW6010	18.1	36.5	0.39	mg/Kg	2.8		3.5		1.4		5.5		5.2		3		1.3	U	8.5		3.5		10.6	
Barium	SW6010	145	826	540	mg/Kg	24.7	U	35		43.8		29.7		50.4		36.3		25.6	U	41.5		43.6		111	
Beryllium	SW6010	0.86	1	15	mg/Kg	0.62	U	0.65	U	0.57	U	0.6	U	0.6	U	0.63	U	0.64	U	0.59	U	0.61	U	0.72	
Cadmium	SW6010	1.7		3.7	mg/Kg	0.62	U	0.65	U	0.57	U	0.6	U	0.6	U	0.63	U	0.64	U	0.59	U	0.61	U	0.6	U
Calcium	SW6010	166000	52300		mg/Kg	2400		6050		3350		2060		2620		1890	J	1040	J	3580	J	4780	J	44200	J
Chromium	SW6010	50.7	29		mg/Kg	11		9.4		2.3		11.2		10.7		8.6	J	1.3	U	13.4	J	11.1	J	20.1	J
Cobalt	SW6010	26.5	116	90	mg/Kg	6.2	U	6.5	U	5.7	U	7.4		13.8		6.3	U	6.4	U	12.1		6.1	U	13.2	
Copper	SW6010	57.6	56.2	310	mg/Kg	6		6.2		2.8	U	9.6		13.4		5		3.7		14.4		10.5		26	
Iron	SW6010	30400	234000	2300	mg/Kg	11300		11300		1050		15200		14900		9850	J	218	J	20300	J	15300	J	29000	J
Lead	SW6010	770	48.6	40	mg/Kg	44.3		**283**		9.3		5.6		6.3		31.4		**222**		10.3		**85.6**		19.4	
Magnesium	SW6010	18100	10400		mg/Kg	769		996		569	U	1460		1650		884		639	U	1640		1240		10000	
Manganese	SW6010	910	3506.2	180	mg/Kg	89.2		103		14.8		258		418		195	J	3	J	360	J	153	J	623	J
Mercury	SW7471	0.76	0.1	2.3	mg/Kg	0.041	U	0.043	U	0.038	U	0.04	U	0.04	U	0.041	U	0.091		0.039	U	0.045		0.04	U
Nickel	SW6010	57.8	55.1	160	mg/Kg	6.3		7.6		4.6	U	13.4		31.4		6.8		5.1	U	20.1		9.9		30.9	
Potassium	SW6010	2580	3390		mg/Kg	617	U	649	U	569	U	647		638		627	UJ	639	UJ	674	J	605	UJ	1550	J
Selenium	SW6010	1.1	2	39	mg/Kg	0.62	U	0.65	U	0.57	U	0.6	U	0.65		0.63	U	0.64	U	0.59	U	0.61	U	0.6	U
Sodium	SW6010	503			mg/Kg	617	U	649	U	569	U	601	U	605	U	627	U	639	U	592	U	605	U	601	U
Thallium	SW6010	0.77	1.3	0.52	mg/Kg	1.2	U	1.3	U	1.1	U	1.2	U	1.2	U	1.3	U	1.3	U	1.2	U	1.2	U	1.2	U
Vanadium	SW6010	51.7	40.9	7.8	mg/Kg	20.2		17.2		5.7	U	21.1		18		15.5		6.4	U	25.3		16.4		33.6	
Zinc	SW6010	181	321.8	2300	mg/Kg	33.6		64		6.2		34.2		41.4		22.9	J	6.2	J	52.9	J	34.8	J	74.6	J

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-2 Summary of Metals Detected in Surface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB10 04/30/1998 0.0-1.0 ft. Result	VQ	AA1-SB11 04/30/1998 0.0-1.0 ft. Result	VQ	AA1-SB12 04/30/1998 0.0-1.0 ft. Result	VQ	AA1-SB13 04/29/1998 0.0-1.0 ft. Result	VQ	AA1-SB14 04/29/1998 0.0-1.0 ft. Result	VQ	AA1-SB15 04/30/1998 0.0-1.0 ft. Result	VQ	AA1-SB16 04/18/2007 0.5-1.5 ft. Result	VQ	AA1-SB17 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB18 04/18/2007 0.5-1.5 ft. Result	VQ	AA1-SB19 04/18/2007 0.5-1.5 ft. Result	VQ
General Chemistry																									
pH	SW9045	8.1			PH_UNITS	7.1		7.8		7.2	J	8.1	J	7.7	J	7.6									
Wet Chemistry																									
Sulfate (as SO4)	SW9056	3910			mg/Kg	24.4		11.9	U	13.5		11.7	U	108		16.4									
Metals																									
Aluminum	SW6010	14300	15500	7600	mg/Kg	10300		11900		6170		6250		7930		7480		7450		4650		11100		11300	
Antimony	SW6010	9.5	9.3	3.1	mg/Kg	7.5	UJ	7.2	UJ	7.3	UJ	7	UJ	7.5	UJ	7.2	UJ	2.3	UJ	2.5	UJ	2.4	UJ	2.5	UJ
Arsenic	SW6010	18.1	36.5	0.39	mg/Kg	8.6		9.1		3.1		3.5		7.6		17.3		9.1		4.5		6.5		8.1	
Barium	SW6010	145	826	540	mg/Kg	69.4		85.7		27.3		24.4		71.2		72.9		88.8		44	J	84.2		53.1	
Beryllium	SW6010	0.86	1	15	mg/Kg	0.62	U	0.67		0.61	U	0.59	U	0.62	U	0.6	U	0.34	J	0.26	J	0.54	J	0.57	J
Cadmium	SW6010	1.7		3.7	mg/Kg	0.62	U	0.6	U	0.61	U	0.59	U	0.62	U	0.6	U	0.76	J	0.48	J	0.62	J	0.76	J
Calcium	SW6010	166000	52300		mg/Kg	4420	J	4660	J	3470		1440	J	3270	J	4840	J	166000		122000		27000		8290	
Chromium	SW6010	50.7	29		mg/Kg	15.8	J	17	J	12.4		9.2	J	10	J	14.7	J	11		8.2		16.8		16.4	
Cobalt	SW6010	26.5	116	90	mg/Kg	11.9		13.8		7.7		7.8		15.2		8.4		3.1	J	1.5	J	5.9	J	7.8	J
Copper	SW6010	57.6	56.2	310	mg/Kg	12.1		19.6		5.6		5.1		9.8		16.2		8.3		26.3		16.1		16.9	
Iron	SW6010	30400	234000	2300	mg/Kg	28300	J	24100	J	13200		10800	J	18800	J	22500	J	14400		12100		18800		19900	
Lead	SW6010	770	48.6	40	mg/Kg	8.9		12.8		6.6		4.7		11.2		23.1		12.2	J	**187**	**J**	**148**	**J**	19.5	J
Magnesium	SW6010	18100	10400		mg/Kg	1750		3260		1430		1080		1360		2050		9930		5440		4910		2890	
Manganese	SW6010	910	3506.2	180	mg/Kg	340	J	616	J	139		278	J	910	J	187	J	490		157		250		446	
Mercury	SW7471	0.76	0.1	2.3	mg/Kg	0.045		0.048		0.04	U	0.039	U	0.041	U	0.04	U	0.016	J	0.039	J	0.032	J	0.04	J
Nickel	SW6010	57.8	55.1	160	mg/Kg	16.3		28.1		8.8		9.2		11.4		13.6		9.9		6.2	J	14.9		18.7	
Potassium	SW6010	2580	3390		mg/Kg	715	J	1770	J	609	U	586	UJ	625	UJ	1110	J	1270		700	J	1290		1220	J
Selenium	SW6010	1.1	2	39	mg/Kg	0.94		0.6	U	0.61	U	0.59	U	0.62	U	0.6	U	0.69	U	0.75	U	0.73	U	0.74	U
Sodium	SW6010	503			mg/Kg	624	U	596	U	609	U	586	U	625	U	604	U	263	J	250	U	243	U	245	U
Thallium	SW6010	0.77	1.3	0.52	mg/Kg	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	0.46	U	0.5	U	0.43	U	0.43	U
Vanadium	SW6010	51.7	40.9	7.8	mg/Kg	29.1		28.6		25.8		18.7		23.9		23.3		20.3		14.1		25.6		27.5	
Zinc	SW6010	181	321.8	2300	mg/Kg	45.8	J	71.5	J	38.6		22.4	J	31.2	J	49.2	J	54.6		49.2		84		84.2	

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

Table 4-2 Summary of Metals
Detected in Surface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB20 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB21 04/18/2007 0.5-1.5 ft. Result	VQ	AA1-SB22 04/18/2007 0.5-1.5 ft. Result	VQ	AA1-SB23 04/18/2007 0.5-1.5 ft. Result	VQ	AA1-SB24 04/18/2007 0.5-1.5 ft. Result	VQ	AA1-SB25 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB26 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB27 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB28 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB28 (field dup) 04/19/2007 0.5-1.5 ft. Result	VQ
General Chemistry																									
pH	SW9045	8.1			PH_UNITS																				
Wet Chemistry																									
Sulfate (as SO4)	SW9056	3910			mg/Kg																				
Metals																									
Aluminum	SW6010	14300	15500	7600	mg/Kg	7070		8420		6230		11600		13900		4460		9520		8640		10300		9140	
Antimony	SW6010	9.5	9.3	3.1	mg/Kg	2.4	UJ	2.3	UJ	2.4	UJ	2.4	UJ	2.4	UJ	**9.5**	**J**	2.4	U	2.5	U	2.5	U	2.4	U
Arsenic	SW6010	18.1	36.5	0.39	mg/Kg	8.5		7.1		2.8		9.9		12.1		4.2		7.5		6.9		5		3.9	
Barium	SW6010	145	826	540	mg/Kg	59.1		38.3	J	23.7	J	46.6	J	78.2		81.5		36	J	42	J	26.7	J	19.2	J
Beryllium	SW6010	0.86	1	15	mg/Kg	0.33	J	0.53	J	0.31	J	0.59	J	0.74	J	0.25	J	0.53	J	0.55	J	0.51	J	0.44	J
Cadmium	SW6010	1.7		3.7	mg/Kg	0.46	J	0.42	J	0.24	U	0.58	J	0.6	J	1.7		0.38	J	0.73	J	0.68	J	0.3	J
Calcium	SW6010	166000	52300		mg/Kg	21000		72700		1780		4430		35200		122000		9200		11300		3930		2440	
Chromium	SW6010	50.7	29		mg/Kg	14.2		12.6		8.9		16.2		24.1		50.7		14.2		19.7		16		13.7	
Cobalt	SW6010	26.5	116	90	mg/Kg	3.2	J	6.7	J	2.1	J	6.5	J	7.4	J	2.1	J	5.9	J	6.5	J	5.5	J	5	J
Copper	SW6010	57.6	56.2	310	mg/Kg	21		22		4.9	J	13.2		27.5		28.1		20.5		33		10.5		6.6	
Iron	SW6010	30400	234000	2300	mg/Kg	30400		15800		9110		20400		27000		10100		17800		28900		19700		17100	
Lead	SW6010	770	48.6	40	mg/Kg	**64.2**		**67.4**	**J**	4.1	J	43.2	J	19.1	J	**770**	**J**	**90.1**	**J**	**585**	**J**	**88.2**	**J**	39.8	J
Magnesium	SW6010	18100	10400		mg/Kg	2150		18100		858	J	2720		4290		17300		3210		2010		1500		1110	J
Manganese	SW6010	910	3506.2	180	mg/Kg	160		294		54.6		368		434		218		190		296		356		387	
Mercury	SW7471	0.76	0.1	2.3	mg/Kg	0.022	J	0.044		0.018	J	0.03	J	0.022	J	0.013	UJ	0.04	J	0.046	J	0.032	J	0.035	J
Nickel	SW6010	57.8	55.1	160	mg/Kg	10.7		19.4		6.6	J	18.9		24.5		10		15.9		21.8		13.4		9.7	J
Potassium	SW6010	2580	3390		mg/Kg	2030		1600		461	J	1060	J	2260		813	J	1270		975	J	524	J	458	J
Selenium	SW6010	1.1	2	39	mg/Kg	0.73	U	0.68	U	0.73	U	0.73	U	0.71	U	0.67	U	0.72	U	0.74	U	0.74	U	0.73	U
Sodium	SW6010	503			mg/Kg	503	J	227	U	243	U	243	U	238	U	223	U	240	U	248	U	247	U	244	U
Thallium	SW6010	0.77	1.3	0.52	mg/Kg	0.43	U	0.4	U	0.42	U	0.42	U	0.47	U	0.5	U	0.42	U	0.43	U	0.43	U	0.43	U
Vanadium	SW6010	51.7	40.9	7.8	mg/Kg	35.2		20.9		19.8		31.1		39.6		12.4		26.3		28.1		33.8		32	
Zinc	SW6010	181	321.8	2300	mg/Kg	44.2		44.5		21.7		64.9		78.3		147		65.9		163		104		48.5	

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-2 Summary of Metals
Detected in Surface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB29 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB30 04/19/2007 0.5-1.5 ft. Result	VQ	AA1-SB31 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB31 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB32 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB33 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB34 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB35 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB36 04/20/2007 0.5-1.5 ft. Result	VQ	AA1-SB37 04/20/2007 0.5-1.5 ft. Result	VQ
General Chemistry																									
pH	SW9045	8.1			PH_UNITS																				
Wet Chemistry																									
Sulfate (as SO4)	SW9056	3910			mg/Kg																				
Metals																									
Aluminum	SW6010	14300	15500	7600	mg/Kg	8310		7610		7110		9060		9060		3670		12000	J	8760	J	10900	J	6270	J
Antimony	SW6010	9.5	9.3	3.1	mg/Kg	2.4	U	2.3	U	2.2	U	2.3	U	2.3	U	2.2	U	2.3	UJ	2.3	UJ	2.6	UJ	2.6	UJ
Arsenic	SW6010	18.1	36.5	0.39	mg/Kg	7.5		4.7		7.1		5.3		5.3		3.5		5.4		5.6		18.1		4.2	
Barium	SW6010	145	826	540	mg/Kg	145		58.5		69.6		32.1	J	32.1	J	39	J	80.3		43.5	J	63.6		20.4	J
Beryllium	SW6010	0.86	1	15	mg/Kg	0.44	J	0.34	J	0.37	J	0.5	J	0.5	J	0.23	J	0.65	J	0.46	J	0.86	J	0.39	J
Cadmium	SW6010	1.7		3.7	mg/Kg	1.5		0.4	J	0.54	J	0.23	U	0.23	U	0.47	J	0.53	J	0.4	J	1.2	J	0.26	U
Calcium	SW6010	166000	52300		mg/Kg	56100		36800		61100		2820		2820		96800		22300		2550		41100		16000	
Chromium	SW6010	50.7	29		mg/Kg	14.5		10.4		12.3		12.2		12.2		11.5		18.7	J	11.7	J	14.2	J	11.2	J
Cobalt	SW6010	26.5	116	90	mg/Kg	6.3	J	3.2	J	3.9	J	8.5	J	8.5	J	2.6	J	6.1	J	4.2	J	26.5		4.1	J
Copper	SW6010	57.6	56.2	310	mg/Kg	21.1		9.7		25.6		16.5		16.5		12.5		57.6	J	11.7	J	51.2	J	8.6	J
Iron	SW6010	30400	234000	2300	mg/Kg	16100		12200		14900		14300		14300		8220		18100	J	13500	J	22800	J	13600	J
Lead	SW6010	770	48.6	40	mg/Kg	**597**	**J**	**58.4**	**J**	**141**	**J**	**51.8**	**J**	**51.8**	**J**	**124**	**J**	**58.1**	**J**	14.8	J	19.6	J	14.4	J
Magnesium	SW6010	18100	10400		mg/Kg	15400		2740		6200		1380		1380		10700		4430		1280		6350		4340	
Manganese	SW6010	910	3506.2	180	mg/Kg	457		260		372		198		198		233		419		285		514		235	
Mercury	SW7471	0.76	0.1	2.3	mg/Kg	0.72		0.029	J	0.13		0.039		0.039		0.23		0.76	J	0.042		0.024	J	0.067	
Nickel	SW6010	57.8	55.1	160	mg/Kg	17.5		9.5		12.2		19.2		19.2		8.5	J	18.8		9.6		57.8		10.8	
Potassium	SW6010	2580	3390		mg/Kg	1040	J	556	J	1030	J	842	J	842	J	621	J	1900		623	J	2580		797	J
Selenium	SW6010	1.1	2	39	mg/Kg	0.73	U	0.7	U	0.67	U	0.69	U	0.69	U	0.66	U	0.69	U	0.7	U	1.1	J	0.77	U
Sodium	SW6010	503			mg/Kg	242	U	233	U	222	U	230	U	230	U	220	U	231	U	233	U	258	U	256	U
Thallium	SW6010	0.77	1.3	0.52	mg/Kg	0.42	U	0.58	U	0.5	U	0.4	U	0.4	U	0.38	U	0.4	U	0.41	U	0.77		0.58	U
Vanadium	SW6010	51.7	40.9	7.8	mg/Kg	21.1		18.8		18.4		23.8		23.8		9.4	J	24.2		22.1		21.9		23.7	
Zinc	SW6010	181	321.8	2300	mg/Kg	181		45		88.2		38.6		38.6		72.8		71.6	J	51.8	J	160	J	32.8	J

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-2 Summary of Metals Detected in Surface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB38 04/20/2007 0.5-1.5 ft. Result	VQ
General Chemistry							
pH	SW9045	8.1			PH_UNITS		
Wet Chemistry							
Sulfate (as SO4)	SW9056	3910			mg/Kg		
Metals							
Aluminum	SW6010	14300	15500	7600	mg/Kg	9970	J
Antimony	SW6010	9.5	9.3	3.1	mg/Kg	2.6	UJ
Arsenic	SW6010	18.1	36.5	0.39	mg/Kg	6.7	
Barium	SW6010	145	826	540	mg/Kg	32.1	J
Beryllium	SW6010	0.86	1	15	mg/Kg	0.62	J
Cadmium	SW6010	1.7		3.7	mg/Kg	0.28	J
Calcium	SW6010	166000	52300		mg/Kg	3900	
Chromium	SW6010	50.7	29		mg/Kg	21	J
Cobalt	SW6010	26.5	116	90	mg/Kg	5.4	J
Copper	SW6010	57.6	56.2	310	mg/Kg	7.2	J
Iron	SW6010	30400	234000	2300	mg/Kg	28300	J
Lead	SW6010	770	48.6	40	mg/Kg	11.6	J
Magnesium	SW6010	18100	10400		mg/Kg	2220	
Manganese	SW6010	910	3506.2	180	mg/Kg	222	
Mercury	SW7471	0.76	0.1	2.3	mg/Kg	0.042	
Nickel	SW6010	57.8	55.1	160	mg/Kg	12.3	
Potassium	SW6010	2580	3390		mg/Kg	594	J
Selenium	SW6010	1.1	2	39	mg/Kg	0.77	U
Sodium	SW6010	503			mg/Kg	257	U
Thallium	SW6010	0.77	1.3	0.52	mg/Kg	0.51	U
Vanadium	SW6010	51.7	40.9	7.8	mg/Kg	**51.7**	
Zinc	SW6010	181	321.8	2300	mg/Kg	42.2	J

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-3 Summary of Organic Compounds Detected in Suburface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB01 04/30/1998 8.0-10.0 ft. Result	VQ	AA1-SB02 04/30/1998 6.0-8.0 ft. Result	VQ	AA1-SB03 04/29/1998 6.0-8.0 ft. Result	VQ	AA1-SB04 04/29/1998 8.0-10.0 ft. Result	VQ	AA1-SB05 04/30/1998 6.0-8.0 ft. Result	VQ	AA1-SB06 04/29/1998 6.0-8.0 ft. Result	VQ	AA1-SB07 04/29/1998 2.0-4.0 ft. Result	VQ	AA1-SB08 04/29/1998 2.0-4.0 ft. Result	VQ	AA1-SB09 04/30/1998 2.0-4.0 ft. Result	VQ
Explosives																							
2,4,6-Trinitrotoluene	SW8330	150		16000	ug/Kg	250	U	250	U														
2,4-Dinitrotoluene	SW8330	1800		12000	ug/Kg	250	U	250	U														
2-Amino-4,6-Dinitrotoluene	SW8330	480			ug/Kg																		
4-Amino-2,6-Dinitrotoluene	SW8330	430			ug/Kg	250	U	250	U														
4-Nitrotoluene	SW8330	110		12000	ug/Kg																		
Polychlorinated Biphenyls (PCBs)																							
PCB-1254 (Aroclor 1254)	SW8082	1900		220	ug/Kg																		
PCB-1260 (Aroclor 1260)	SW8082	4900		220	ug/Kg																		
Semivolatile Organic Compounds																							
2,4-Dinitrotoluene	SW8270	870		12000	ug/Kg	420	U	420	U	420	U	420	U	400	U	410	U	410	U	390	U	390	U
2-Methylnaphthalene	SW8270	52			ug/Kg	420	U	420	U	420	U	420	U	400	U	410	U	410	U	390	U	390	U
Benzo(a)anthracene	SW8270	68		620	ug/Kg	420	U	420	U	420	U	420	U	400	U	410	U	410	U	390	U	390	U
Benzo(a)pyrene	SW8270	72		62	ug/Kg	420	U	420	U	420	U	420	U	400	U	410	U	410	U	390	U	390	U
Benzoic acid	SW8270	140		24000000	ug/Kg																		
Chrysene	SW8270	90		62000	ug/Kg	420	U	420	U	420	U	420	U	400	U	410	U	410	U	390	U	390	U
Di-n-butylphthalate	SW8270	120		610000	ug/Kg	420	U	420	U	420	U	420	U	400	U	410	U	410	U	390	U	390	U
Fluoranthene	SW8270	130		230000	ug/Kg	420	U	420	U	420	U	420	U	400	U	410	U	410	U	390	U	390	U
Phenanthrene	SW8270	150			ug/Kg	420	U	420	U	420	U	420	U	400	U	410	U	410	U	390	U	390	U
Pyrene	SW8270	120		230000	ug/Kg	420	U	420	U	420	U	420	U	400	U	410	U	410	U	390	U	390	U
bis(2-Ethylhexyl)phthalate	SW8270	140		35000	ug/Kg	420	U	420	U	420	U	420	U	400	U	48	J	410	U	49	J	390	U

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-3 Summary of Organic Compounds Detected in Subsurface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location	AA1-SB01		AA1-SB02		AA1-SB03		AA1-SB04		AA1-SB05		AA1-SB06		AA1-SB07		AA1-SB08		AA1-SB09	
					Date	04/30/1998		04/30/1998		04/29/1998		04/29/1998		04/30/1998		04/29/1998		04/29/1998		04/29/1998		04/30/1998	
					Depth	8.0-10.0 ft.		6.0-8.0 ft.		6.0-8.0 ft.		8.0-10.0 ft.		6.0-8.0 ft.		6.0-8.0 ft.		2.0-4.0 ft.		2.0-4.0 ft.		2.0-4.0 ft.	
					Units	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Volatile Organic Compounds																							
1,1,1-Trichloroethane	SW8260	1800		200000	ug/Kg	6.3	U	6.3	U	6.3	U	6.3	U	6	U	6.2	U	6.2	U	6	U	5.9	U
1,1,2-Trichloroethane	SW8260	0.8		730	ug/Kg	6.3	U	6.3	U	6.3	U	6.3	UJ	6	U	6.2	U	6.2	U	6	U	5.9	U
1,1-Dichloroethane	SW8260	760		51000	ug/Kg	6.3	U	6.3	U	6.3	U	6.3	U	6	U	6.2	U	6.2	U	6	U	5.9	U
1,1-Dichloroethene	SW8260	140		12000	ug/Kg	6.3	U	6.3	U	6.3	U	6.3	U	6	U	6.2	U	6.2	U	6	U	5.9	U
1,2-Dichloroethane	SW8260	23		280	ug/Kg	6.3	U	6.3	U	6.3	U	6.3	U	6	U	6.2	U	6.2	U	6	U	5.9	U
2-Butanone (Methyl ethyl ketone)	SW8260	11		2200000	ug/Kg	25	U	25	U	25	U	25	U	24	U	25	U	25	U	24	U	24	U
Acetone	SW8260	480		1400000	ug/Kg	13	J	25	U	25	U	480		24	U	16	J	130		24	U	24	U
Benzene	SW8260	5.3		640	ug/Kg	6.3	U	6.3	U	6.3	U	6.3	UJ	6	U	6.2	U	6.2	U	6	U	5.9	U
Carbon Disulfide	SW8260	4.2		36000	ug/Kg	6.3	U	6.3	U	6.3	U	6.3	U	4.2	J	6.2	U	6.2	U	6	U	5.9	U
Cyclohexane	SW8260	11		280000	ug/Kg																		
Ethylbenzene	SW8260	2.4		190000	ug/Kg	6.3	U	6.3	U	6.3	U	6.3	UJ	6	U	6.2	U	6.2	U	6	U	5.9	U
Methylcyclohexane	SW8260	15		260000	ug/Kg																		
Methylene Chloride	SW8260	11		9100	ug/Kg	6.3	U	6.3	U	6.3	U	7	U	3.3	J	11	U	8.6	U	6	U	2.3	J
Tetrachloroethene (PCE)	SW8260	1600		480	ug/Kg	6.3	U	6.3	U	6.3	U	6.3	UJ	6	U	6.2	U	6.2	U	6	U	5.9	U
Toluene	SW8260	9.5		66000	ug/Kg	6.3	U	6.3	U	6.3	U	4	J	6	U	6.2	U	6.2	U	6	U	5.9	U
Total 1,2-Dichloroethene	SW8260	7.4			ug/Kg	6.3	U	6.3	U	6.3	U	6.3	U	6	U	6.2	U	6.2	U	6	U	5.9	U
Trichloroethene (TCE)	SW8260	220		53	ug/Kg	6.3	U	6.3	U	6.3	U	6.3	UJ	6	U	6.2	U	6.2	U	6	U	5.9	U
Xylenes, Total	SW8260	6		27000	ug/Kg	6.3	U	6.3	U	6.3	U	6.3	UJ	6	U	6.2	U	6.2	U	6	U	5.9	U
cis-1,2-Dichloroethene	SW8260	83		4300	ug/Kg																		

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-3 Summary of Organic Compounds Detected in Suburface Soil at Acid Area 1

					Location	AA1-SB10		AA1-SB11		AA1-SB12		AA1-SB13		AA1-SB14		AA1-SB15		AA1-SB16		AA1-SB16 (field dup)		AA1-SB17	
					Date	04/30/1998		04/30/1998		04/30/1998		04/29/1998		04/29/1998		04/30/1998		04/18/2007		04/18/2007		04/19/2007	
					Depth	4.0-6.0 ft.		4.0-6.0 ft.		2.0-4.0 ft.		2.0-4.0 ft.		8.0-10.0 ft.		8.0-10.0 ft.		3.0-5.0 ft.		3.0-5.0 ft.		3.0-5.0 ft.	
Analyte	Method	Detect	Bkg.	PRG*	Units	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Explosives																							
2,4,6-Trinitrotoluene	SW8330	150		16000	ug/Kg													83	U	100	U	100	UJ
2,4-Dinitrotoluene	SW8330	1800		12000	ug/Kg													110	U	130	U	130	UJ
2-Amino-4,6-Dinitrotoluene	SW8330	480			ug/Kg													120	U	150	U	150	UJ
4-Amino-2,6-Dinitrotoluene	SW8330	430			ug/Kg													83	U	100	U	100	UJ
4-Nitrotoluene	SW8330	110		12000	ug/Kg													83	U	100	U	100	UJ
Polychlorinated Biphenyls (PCBs)																							
PCB-1254 (Aroclor 1254)	SW8082	1900		220	ug/Kg													5.2	U	5.3	U	**910**	**J**
PCB-1260 (Aroclor 1260)	SW8082	4900		220	ug/Kg													5.2	U	5.3	U	**3200**	**J**
Semivolatile Organic Compounds																							
2,4-Dinitrotoluene	SW8270	870		12000	ug/Kg	400	U	410	U	400	U	410	U	410	U	410	U	30	U	30	U	30	UJ
2-Methylnaphthalene	SW8270	52			ug/Kg	400	U	410	U	400	U	410	U	410	U	410	U	44	U	44	U	43	UJ
Benzo(a)anthracene	SW8270	68		620	ug/Kg	400	U	410	U	400	U	410	U	410	U	410	U	46	U	46	U	44	UJ
Benzo(a)pyrene	SW8270	72		62	ug/Kg	400	U	410	U	400	U	410	U	410	U	410	U	29	U	29	U	28	UJ
Benzoic acid	SW8270	140		24000000	ug/Kg													25	UJ	140	J	24	UJ
Chrysene	SW8270	90		62000	ug/Kg	400	U	410	U	400	U	410	U	410	U	410	U	39	U	39	U	38	UJ
Di-n-butylphthalate	SW8270	120		610000	ug/Kg	400	U	410	U	400	U	410	U	410	U	410	U	38	U	38	U	37	UJ
Fluoranthene	SW8270	130		230000	ug/Kg	400	U	410	U	400	U	410	U	410	U	410	U	68	U	67	U	66	UJ
Phenanthrene	SW8270	150			ug/Kg	400	U	410	U	400	U	410	U	410	U	410	U	29	U	29	U	28	UJ
Pyrene	SW8270	120		230000	ug/Kg	400	U	410	U	400	U	410	U	410	U	410	U	50	U	50	U	49	UJ
bis(2-Ethylhexyl)phthalate	SW8270	140		35000	ug/Kg	400	U	410	U	400	U	410	U	410	U	410	U	120	J	45	U	44	UJ

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-3 Summa., of Organic Compounds Detected in Subsurface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location	AA1-SB10		AA1-SB11		AA1-SB12		AA1-SB13		AA1-SB14		AA1-SB15		AA1-SB16		AA1-SB16 (field dup)		AA1-SB17	
					Date	04/30/1998		04/30/1998		04/30/1998		04/29/1998		04/29/1998		04/30/1998		04/18/2007		04/18/2007		04/19/2007	
					Depth	4.0-6.0 ft.		4.0-6.0 ft.		2.0-4.0 ft.		2.0-4.0 ft.		8.0-10.0 ft.		8.0-10.0 ft.		3.0-5.0 ft.		3.0-5.0 ft.		3.0-5.0 ft.	
					Units	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Volatile Organic Compounds																							
1,1,1-Trichloroethane	SW8260	1800		200000	ug/Kg	6.7		53		6	U	6.2	U	6.2	U	6.2	U	0.92	U	0.99	U	0.92	U
1,1,2-Trichloroethane	SW8260	0.8		730	ug/Kg	6	UJ	6.2	UJ	6	U	6.2	U	6.2	UJ	6.2	U	0.36	U	0.39	U	0.36	U
1,1-Dichloroethane	SW8260	760		51000	ug/Kg	6	U	33		6	U	6.2	U	6.2	U	6.2	U	0.55	U	0.6	U	0.56	U
1,1-Dichloroethene	SW8260	140		12000	ug/Kg	6	U	1.8	J	6	U	6.2	U	6.2	U	6.2	U	1.2	U	1.3	U	1.2	U
1,2-Dichloroethane	SW8260	23		280	ug/Kg	6	U	6.2	U	6	U	6.2	U	6.2	U	6.2	U	0.47	U	0.51	U	0.47	U
2-Butanone (Methyl ethyl ketone)	SW8260	11		2200000	ug/Kg	9.9	J	25	U	24	U	25	U	25	U	25	U	1.4	U	2.7	J	1.4	U
Acetone	SW8260	480		1400000	ug/Kg	110		25	U	270		25	U	79		270		16	U	18	U	2	U
Benzene	SW8260	5.3		640	ug/Kg	6	UJ	6.2	UJ	6	U	6.2	U	6.2	UJ	6.2	U	0.48	U	0.52	U	1.1	J
Carbon Disulfide	SW8260	4.2		36000	ug/Kg	6	U	6.2	U	6	U	6.2	U	6.2	U	6.2	U	1.3	U	4	J	1.3	U
Cyclohexane	SW8260	11		280000	ug/Kg													0.55	U	0.6	U	3.9	J
Ethylbenzene	SW8260	2.4		190000	ug/Kg	6	UJ	6.2	UJ	6	U	6.2	U	6.2	UJ	6.2	U	0.76	U	0.83	U	0.77	U
Methylcyclohexane	SW8260	15		260000	ug/Kg													0.3	U	0.33	U	5.5	
Methylene Chloride	SW8260	11		9100	ug/Kg	6	U	6.2	U	6	U	6.2	U	6.8	U	6.2	U	0.63	U	0.68	U	0.64	U
Tetrachloroethene (PCE)	SW8260	1600		480	ug/Kg	240	J	6.2	UJ	6	U	6.2	U	6.2	UJ	6.2	U	0.99	U	1.1	U	1	U
Toluene	SW8260	9.5		66000	ug/Kg	3.1	J	6.2	UJ	6	U	6.2	U	2.4	J	6.2	U	0.88	U	0.95	U	2.6	U
Total 1,2-Dichloroethene	SW8260	7.4			ug/Kg	4	J	7.4		6	U	6.2	U	6.2	U	6.2	U						
Trichloroethene (TCE)	SW8260	220		53	ug/Kg	35	J	32	J	6	U	6.2	U	6.2	UJ	6.2	U	0.86	U	0.94	U	0.87	U
Xylenes, Total	SW8260	6		27000	ug/Kg	6	UJ	6.2	UJ	6	U	6.2	U	6.2	UJ	6.2	U	0.71	U	0.77	U	3.3	J
cis-1,2-Dichloroethene	SW8260	83		4300	ug/Kg													1.2	U	1.3	U	1.2	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

Table 4-3 Summa.. , of Organic Compounds Detected in Suburface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB18 04/18/2007 3.0-5.0 ft. Result	VQ	AA1-SB19 04/18/2007 3.0-5.0 ft. Result	VQ	AA1-SB20 04/19/2007 3.0-5.0 ft. Result	VQ	AA1-SB20 (field dup) 04/19/2007 3.0-5.0 ft. Result	VQ	AA1-SB21 04/18/2007 3.0-5.0 ft. Result	VQ	AA1-SB22 04/18/2007 3.0-5.0 ft. Result	VQ	AA1-SB23 04/18/2007 3.0-5.0 ft. Result	VQ	AA1-SB24 04/18/2007 3.0-5.0 ft. Result	VQ	AA1-SB25 04/19/2007 8.0-10.0 ft. Result	VQ
Explosives																							
2,4,6-Trinitrotoluene	SW8330	150		16000	ug/Kg	83	U	95	U	95	UJ	80	UJ	100	U	150	J	91	U	91	U	83	UJ
2,4-Dinitrotoluene	SW8330	1800		12000	ug/Kg	110	U	120	U	120	UJ	100	UJ	130	U	1800		120	U	120	U	110	UJ
2-Amino-4,6-Dinitrotoluene	SW8330	480			ug/Kg	120	U	140	U	140	UJ	120	UJ	150	U	480		140	U	140	U	120	UJ
4-Amino-2,6-Dinitrotoluene	SW8330	430			ug/Kg	83	U	95	U	95	UJ	80	UJ	100	U	430		91	U	91	U	83	UJ
4-Nitrotoluene	SW8330	110		12000	ug/Kg	83	U	95	U	95	UJ	80	UJ	100	U	83	U	91	U	91	U	83	UJ
Polychlorinated Biphenyls (PCBs)																							
PCB-1254 (Aroclor 1254)	SW8082	1900		220	ug/Kg	5	U	4.1	U	4	UJ	14	J	5.1	U	5.3	U	5.1	U	5.2	U	5.6	J
PCB-1260 (Aroclor 1260)	SW8082	4900		220	ug/Kg	5	U	4.1	U	5.1	J	34	J	5.1	U	5.3	U	5.1	U	5.2	U	16	J
Semivolatile Organic Compounds																							
2,4-Dinitrotoluene	SW8270	870		12000	ug/Kg	29	U	29	U	28	UJ	29	UJ	29	U	870		30	U	31	U	30	UJ
2-Methylnaphthalene	SW8270	52			ug/Kg	42	U	42	U	41	UJ	41	UJ	42	U	44	U	43	U	45	U	43	UJ
Benzo(a)anthracene	SW8270	68		620	ug/Kg	44	U	44	U	65	J	68	J	44	U	46	U	45	U	47	U	45	UJ
Benzo(a)pyrene	SW8270	72		62	ug/Kg	28	U	28	U	**72**	**J**	27	UJ	28	U	29	U	28	U	29	U	28	UJ
Benzoic acid	SW8270	140		24000000	ug/Kg	24	U	24	UJ	23	UJ	23	UJ	24	U	25	UJ	24	UJ	25	UJ		R
Chrysene	SW8270	90		62000	ug/Kg	38	U	37	U	90	J	87	J	38	U	39	U	38	U	40	U	38	UJ
Di-n-butylphthalate	SW8270	120		610000	ug/Kg	37	U	37	U	36	UJ	36	UJ	120	J	38	U	38	U	39	U	37	UJ
Fluoranthene	SW8270	130		230000	ug/Kg	65	U	65	U	130	J	110	J	65	U	68	U	66	U	69	U	66	UJ
Phenanthrene	SW8270	150			ug/Kg	28	U	28	U	76	J	27	UJ	28	U	29	U	28	U	29	U	28	UJ
Pyrene	SW8270	120		230000	ug/Kg	48	U	48	U	120	J	110	J	48	U	50	U	49	U	51	U	49	UJ
bis(2-Ethylhexyl)phthalate	SW8270	140		35000	ug/Kg	44	U	44	U	42	UJ	43	UJ	44	U	46	U	45	U	46	U	44	UJ

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-3 Summa., of Organic Compounds Detected in Suburface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB18 04/18/2007 3.0-5.0 ft. Result	VQ	AA1-SB19 04/18/2007 3.0-5.0 ft. Result	VQ	AA1-SB20 04/19/2007 3.0-5.0 ft. Result	VQ	AA1-SB20 (field dup) 04/19/2007 3.0-5.0 ft. Result	VQ	AA1-SB21 04/18/2007 3.0-5.0 ft. Result	VQ	AA1-SB22 04/18/2007 3.0-5.0 ft. Result	VQ	AA1-SB23 04/18/2007 3.0-5.0 ft. Result	VQ	AA1-SB24 04/18/2007 3.0-5.0 ft. Result	VQ	AA1-SB25 04/19/2007 8.0-10.0 ft. Result	VQ
Volatile Organic Compounds																							
1,1,1-Trichloroethane	SW8260	1800		200000	ug/Kg	0.88	U	1	U	0.9	U	0.94	U	0.84	U	0.81	U	0.84	U	0.87	U	0.89	U
1,1,2-Trichloroethane	SW8260	0.8		730	ug/Kg	0.34	U	0.4	U	0.35	U	0.36	U	0.33	U	0.32	U	0.32	U	0.34	U	0.34	U
1,1-Dichloroethane	SW8260	760		51000	ug/Kg	0.53	U	0.62	U	0.54	U	0.56	U	0.5	U	0.49	U	0.5	U	0.52	U	0.53	U
1,1-Dichloroethene	SW8260	140		12000	ug/Kg	1.2	U	1.4	U	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
1,2-Dichloroethane	SW8260	23		280	ug/Kg	0.45	U	0.52	U	0.46	U	0.48	U	0.43	U	0.42	U	0.43	U	0.44	U	0.45	U
2-Butanone (Methyl ethyl ketone)	SW8260	11		2200000	ug/Kg	1.4	U	1.6	U	3.2	J	2.2	J	1.3	U	1.3	U	1.3	U	1.3	U	1.4	U
Acetone	SW8260	480		1400000	ug/Kg	8	U	11	U	21	U	13	U	5.6	U	4.9	U	10	U	4	U	12	U
Benzene	SW8260	5.3		640	ug/Kg	0.46	U	4.9	J	0.47	U	0.49	U	0.44	U	0.42	U	0.44	U	5.3		4.4	J
Carbon Disulfide	SW8260	4.2		36000	ug/Kg	1.3	U	1.5	U	1.3	U	1.4	U	1.2	U	1.2	U	1.2	U	1.2	U	1.3	U
Cyclohexane	SW8260	11		280000	ug/Kg	0.53	U	7.5		0.54	U	0.56	U	0.5	U	1.3	J	0.5	U	11		10	
Ethylbenzene	SW8260	2.4		190000	ug/Kg	0.74	U	2.4	J	0.75	U	0.78	U	0.7	U	0.68	UJ	0.7	U	2.4	J	1.4	J
Methylcyclohexane	SW8260	15		260000	ug/Kg	0.3	U	9.9		0.3	U	0.31	U	0.28	U	0.27	UJ	0.28	U	15		12	
Methylene Chloride	SW8260	11		9100	ug/Kg	0.61	U	0.71	U	0.62	U	0.64	U	0.58	U	0.56	U	0.58	U	0.6	U	0.61	U
Tetrachloroethene (PCE)	SW8260	1600		480	ug/Kg	0.95	U	1.1	U	0.97	U	1	U	0.9	U	0.88	UJ	0.9	U	0.93	U	0.96	U
Toluene	SW8260	9.5		66000	ug/Kg	0.84	U	9		0.86	U	0.9	U	0.8	U	0.78	U	0.8	U	9.5		6.9	
Total 1,2-Dichloroethene	SW8260	7.4			ug/Kg																		
Trichloroethene (TCE)	SW8260	220		53	ug/Kg	0.84	U	0.97	U	0.85	U	0.88	U	0.79	U	0.77	UJ	0.79	U	1.5	J	1.5	J
Xylenes, Total	SW8260	6		27000	ug/Kg	0.69	U	5.8		0.7	U	0.73	U	0.65	U	0.63	UJ	0.65	U	6		5.1	
cis-1,2-Dichloroethene	SW8260	83		4300	ug/Kg	1.2	U	1.4	U	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-3 Summary of Organic Compounds Detected in Suburface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB26 04/19/2007 3.0-5.0 ft. Result	VQ	AA1-SB27 04/19/2007 3.0-5.0 ft. Result	VQ	AA1-SB28 04/19/2007 8.0-10.0 ft. Result	VQ	AA1-SB29 04/19/2007 3.0-5.0 ft. Result	VQ	AA1-SB30 04/19/2007 3.0-5.0 ft. Result	VQ	AA1-SB30 (field dup) 04/19/2007 3.0-5.0 ft. Result	VQ	AA1-SB31 04/20/2007 3.0-5.0 ft. Result	VQ	AA1-SB32 04/20/2007 8.0-10.0 ft. Result	VQ	AA1-SB33 04/20/2007 8.0-10.0 ft. Result	VQ
Explosives																							
2,4,6-Trinitrotoluene	SW8330	150		16000	ug/Kg	87	UJ	100	UJ	80	U	80	U	91	U	80	U	91	UJ	83	UJ	80	UJ
2,4-Dinitrotoluene	SW8330	1800		12000	ug/Kg	110	UJ	130	UJ	100	U	100	U	120	J	100	U	120	UJ	110	UJ	100	UJ
2-Amino-4,6-Dinitrotoluene	SW8330	480			ug/Kg	130	UJ	150	UJ	120	U	120	U	140	U	120	U	140	UJ	120	UJ	120	UJ
4-Amino-2,6-Dinitrotoluene	SW8330	430			ug/Kg	87	UJ	100	UJ	80	U	80	U	91	U	80	U	91	UJ	83	UJ	80	UJ
4-Nitrotoluene	SW8330	110		12000	ug/Kg	87	UJ	100	UJ	110	J	80	U	91	U	80	U	91	UJ	83	UJ	80	UJ
Polychlorinated Biphenyls (PCBs)																							
PCB-1254 (Aroclor 1254)	SW8082	1900		220	ug/Kg	9.5	J	4	UJ	3.9	J	4.4	J	4.2	U	4.2	U	**1900**	**J**	3.6	UJ	10	J
PCB-1260 (Aroclor 1260)	SW8082	4900		220	ug/Kg	8	J	4	UJ	8	J	4.2	J	4.2	U	4.4	J	**4900**	**J**	6.2	J	10	J
Semivolatile Organic Compounds																							
2,4-Dinitrotoluene	SW8270	870		12000	ug/Kg	30	UJ	29	UJ	26	U	29	U	110	J	68	J	30	UJ	26	UJ	31	UJ
2-Methylnaphthalene	SW8270	52			ug/Kg	43	UJ	42	UJ	38	U	42	U	43	U	44	U	43	UJ	38	UJ	45	UJ
Benzo(a)anthracene	SW8270	68		620	ug/Kg	45	UJ	44	UJ	40	U	44	U	45	U	45	U	45	UJ	39	UJ	47	UJ
Benzo(a)pyrene	SW8270	72		62	ug/Kg	28	UJ	28	UJ	25	U	28	U	28	U	28	U	28	UJ	25	UJ	30	UJ
Benzoic acid	SW8270	140		24000000	ug/Kg		R		R		R		R		R		R		R		R		R
Chrysene	SW8270	90		62000	ug/Kg	38	UJ	37	UJ	34	U	38	U	38	U	39	U	38	UJ	34	UJ	40	UJ
Di-n-butylphthalate	SW8270	120		610000	ug/Kg	37	UJ	37	UJ	33	U	37	U	38	U	38	U	38	UJ	33	UJ	39	UJ
Fluoranthene	SW8270	130		230000	ug/Kg	66	UJ	65	UJ	58	U	65	U	66	U	67	U	67	UJ	58	UJ	69	UJ
Phenanthrene	SW8270	150			ug/Kg	28	UJ	28	UJ	150	J	28	U	28	U	28	U	28	UJ	75	J	30	UJ
Pyrene	SW8270	120		230000	ug/Kg	49	UJ	48	UJ	43	U	48	U	49	U	50	U	50	UJ	120	J	51	UJ
bis(2-Ethylhexyl)phthalate	SW8270	140		35000	ug/Kg	44	UJ	140	J	39	U	44	U	45	U	45	U	45	UJ	39	UJ	47	UJ

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-3 Summary of Organic Compounds Detected in Suburface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location	AA1-SB26		AA1-SB27		AA1-SB28		AA1-SB29		AA1-SB30		AA1-SB30 (field dup)		AA1-SB31		AA1-SB32		AA1-SB33	
					Date	04/19/2007		04/19/2007		04/19/2007		04/19/2007		04/19/2007		04/19/2007		04/20/2007		04/20/2007		04/20/2007	
					Depth	3.0-5.0 ft.		3.0-5.0 ft.		8.0-10.0 ft.		3.0-5.0 ft.		3.0-5.0 ft.		3.0-5.0 ft.		3.0-5.0 ft.		8.0-10.0 ft.		8.0-10.0 ft.	
					Units	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Volatile Organic Compounds																							
1,1,1-Trichloroethane	SW8260	1800		200000	ug/Kg	0.89	U	0.86	U	0.75	U	0.82	U	0.91	U	1.1	U	0.91	U	0.92	U	1800	
1,1,2-Trichloroethane	SW8260	0.8		730	ug/Kg	0.34	U	0.34	U	0.29	U	0.32	U	0.35	U	0.42	U	0.35	U	0.36	U	18	U
1,1-Dichloroethane	SW8260	760		51000	ug/Kg	0.53	U	0.52	U	0.45	U	0.49	UJ	0.55	U	0.64	U	0.55	U	0.55	U	46	J
1,1-Dichloroethene	SW8260	140		12000	ug/Kg	1.2	U	1.1	U	1	U	1.1	UJ	1.2	U	1.4	U	1.2	U	1.2	U	61	U
1,2-Dichloroethane	SW8260	23		280	ug/Kg	0.45	U	0.44	U	0.38	U	0.42	U	0.46	U	0.55	U	0.46	U	0.47	U	24	U
2-Butanone (Methyl ethyl ketone)	SW8260	11		2200000	ug/Kg	1.4	U	11	J	1.2	U	3.9	J	1.4	U	1.7	U	4.4	J	1.4	U	72	U
Acetone	SW8260	480		1400000	ug/Kg	20	J	39	J	33	J	32	J	15	U	24	U	43	J	4.8	U	130	J
Benzene	SW8260	5.3		640	ug/Kg	0.62	J	0.45	U	0.88	J	0.43	UJ	0.48	U	0.56	U	0.48	U	1.7	J	24	U
Carbon Disulfide	SW8260	4.2		36000	ug/Kg	1.3	U	1.2	U	2	J	1.2	U	1.3	U	1.6	U	1.3	U	1.3	U	66	U
Cyclohexane	SW8260	11		280000	ug/Kg	0.92	J	1.1	J	2.5	J	0.49	UJ	0.55	U	0.64	U	0.55	U	6.1		28	U
Ethylbenzene	SW8260	2.4		190000	ug/Kg	0.74	U	0.72	U	0.62	U	0.68	UJ	0.76	U	0.9	U	0.76	U	0.76	U	38	U
Methylcyclohexane	SW8260	15		260000	ug/Kg	0.92	J	0.29	U	1.9	J	0.27	UJ	0.3	U	0.36	U	0.3	U	6		15	U
Methylene Chloride	SW8260	11		9100	ug/Kg	0.61	U	0.59	U	0.52	U	0.56	U	0.63	U	0.74	U	0.63	U	0.63	U	32	U
Tetrachloroethene (PCE)	SW8260	1600		480	ug/Kg	0.96	U	0.93	U	0.81	U	0.88	UJ	0.98	U	1.2	U	0.98	U	0.99	U	**1600**	
Toluene	SW8260	9.5		66000	ug/Kg	0.85	U	0.82	U	1.5	J	0.78	UJ	0.87	U	1	U	0.87	U	2.5	J	44	U
Total 1,2-Dichloroethene	SW8260	7.4			ug/Kg																		
Trichloroethene (TCE)	SW8260	220		53	ug/Kg	0.84	U	0.81	U	1.6	J	0.77	UJ	0.86	U	1	U	0.86	U	1.5	J	**220**	J
Xylenes, Total	SW8260	6		27000	ug/Kg	0.69	U	0.67	U	0.58	U	0.64	UJ	0.71	U	0.84	U	0.71	U	0.71	U	36	U
cis-1,2-Dichloroethene	SW8260	83		4300	ug/Kg	1.2	U	1.1	U	1	U	1.1	U	1.2	U	1.4	U	1.2	U	1.2	U	83	J

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-3 Summa., ,.f Organic Compounds Detected in Suburface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB34 04/20/2007 3.0-5.0 ft. Result	VQ	AA1-SB35 04/20/2007 3.0-5.0 ft. Result	VQ	AA1-SB35 (field dup) 04/20/2007 3.0-5.0 ft. Result	VQ	AA1-SB36 04/20/2007 8.0-10.0 ft. Result	VQ	AA1-SB37 04/20/2007 8.0-10.0 ft. Result	VQ
Explosives															
2,4,6-Trinitrotoluene	SW8330	150		16000	ug/Kg	87	UJ	83	UJ	100	UJ	80	UJ	95	UJ
2,4-Dinitrotoluene	SW8330	1800		12000	ug/Kg	110	UJ	110	UJ	130	UJ	100	UJ	120	UJ
2-Amino-4,6-Dinitrotoluene	SW8330	480			ug/Kg	130	UJ	120	UJ	150	UJ	120	UJ	140	UJ
4-Amino-2,6-Dinitrotoluene	SW8330	430			ug/Kg	87	UJ	83	UJ	100	UJ	80	UJ	95	UJ
4-Nitrotoluene	SW8330	110		12000	ug/Kg	87	UJ	83	UJ	100	UJ	80	UJ	95	UJ
Polychlorinated Biphenyls (PCBs)															
PCB-1254 (Aroclor 1254)	SW8082	1900		220	ug/Kg	4.2	UJ	3.6	UJ	4.6	UJ	3.6	UJ	4.1	UJ
PCB-1260 (Aroclor 1260)	SW8082	4900		220	ug/Kg	5.5	J	3.6	UJ	4.6	UJ	4.8	J	4.1	UJ
Semivolatile Organic Compounds															
2,4-Dinitrotoluene	SW8270	870		12000	ug/Kg	30	UJ	25	UJ	33	UJ	26	UJ	30	UJ
2-Methylnaphthalene	SW8270	52			ug/Kg	43	UJ	36	UJ	48	UJ	52	J	43	UJ
Benzo(a)anthracene	SW8270	68		620	ug/Kg	45	UJ	38	UJ	50	UJ	39	UJ	45	UJ
Benzo(a)pyrene	SW8270	72		62	ug/Kg	28	UJ	24	UJ	31	UJ	24	UJ	28	UJ
Benzoic acid	SW8270	140		24000000	ug/Kg	24	UJ	20	UJ	26	UJ	21	UJ	24	UJ
Chrysene	SW8270	90		62000	ug/Kg	38	UJ	32	UJ	42	UJ	33	UJ	38	UJ
Di-n-butylphthalate	SW8270	120		610000	ug/Kg	38	UJ	32	UJ	41	UJ	32	UJ	38	UJ
Fluoranthene	SW8270	130		230000	ug/Kg	67	UJ	56	UJ	73	UJ	57	UJ	66	UJ
Phenanthrene	SW8270	150			ug/Kg	28	UJ	24	UJ	31	UJ	83	J	28	UJ
Pyrene	SW8270	120		230000	ug/Kg	50	UJ	41	UJ	54	UJ	42	UJ	49	UJ
bis(2-Ethylhexyl)phthalate	SW8270	140		35000	ug/Kg	45	UJ	38	UJ	49	UJ	39	UJ	45	UJ

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-3 Summary of Organic Compounds Detected in Suburface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB34 04/20/2007 3.0-5.0 ft. Result	VQ	AA1-SB35 04/20/2007 3.0-5.0 ft. Result	VQ	AA1-SB35 (field dup) 04/20/2007 3.0-5.0 ft. Result	VQ	AA1-SB36 04/20/2007 8.0-10.0 ft. Result	VQ	AA1-SB37 04/20/2007 8.0-10.0 ft. Result	VQ
Volatile Organic Compounds															
1,1,1-Trichloroethane	SW8260	1800		200000	ug/Kg	65		0.74	U	0.96	U	1200		0.9	U
1,1,2-Trichloroethane	SW8260	0.8		730	ug/Kg	0.8	J	0.29	U	0.37	U	15	U	0.35	U
1,1-Dichloroethane	SW8260	760		51000	ug/Kg	6		0.44	U	0.57	U	760		0.54	U
1,1-Dichloroethene	SW8260	140		12000	ug/Kg	1.5	J	0.98	U	1.3	U	140	J	1.2	U
1,2-Dichloroethane	SW8260	23		280	ug/Kg	0.48	U	0.38	U	0.49	U	23	J	0.46	U
2-Butanone (Methyl ethyl ketone)	SW8260	11		2200000	ug/Kg	8.6	J	1.1	U	1.5	U	60	U	1.4	U
Acetone	SW8260	480		1400000	ug/Kg	49	J	17	U	20	U	85	U	39	J
Benzene	SW8260	5.3		640	ug/Kg	0.49	U	0.38	U	0.5	U	20	U	1.7	J
Carbon Disulfide	SW8260	4.2		36000	ug/Kg	1.3	U	1.1	U	1.4	U	55	U	3.6	J
Cyclohexane	SW8260	11		280000	ug/Kg	0.56	U	0.44	U	0.57	U	23	U	7.4	
Ethylbenzene	SW8260	2.4		190000	ug/Kg	0.78	U	0.62	U	0.8	U	32	U	0.75	U
Methylcyclohexane	SW8260	15		260000	ug/Kg	0.31	U	0.26	J	0.32	U	13	U	7.9	
Methylene Chloride	SW8260	11		9100	ug/Kg	0.64	U	0.51	U	0.66	U	26	U	0.62	U
Tetrachloroethene (PCE)	SW8260	1600		480	ug/Kg	1	U	0.8	U	1	U	41	U	0.97	U
Toluene	SW8260	9.5		66000	ug/Kg	0.89	U	0.71	U	0.91	U	36	U	2	J
Total 1,2-Dichloroethene	SW8260	7.4			ug/Kg										
Trichloroethene (TCE)	SW8260	220		53	ug/Kg	0.88	U	0.7	U	0.9	U	36	U	1.6	J
Xylenes, Total	SW8260	6		27000	ug/Kg	0.73	U	0.57	U	0.74	U	30	U	0.7	U
cis-1,2-Dichloroethene	SW8260	83		4300	ug/Kg	1.2	U	0.98	U	1.3	U	51	U	1.2	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

Table 4-4 Summary of Metals
Detected in Subsurface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB01 04/30/1998 8.0-10.0 ft. Result	VQ	AA1-SB02 04/30/1998 6.0-8.0 ft. Result	VQ	AA1-SB03 04/29/1998 6.0-8.0 ft. Result	VQ	AA1-SB04 04/29/1998 8.0-10.0 ft. Result	VQ	AA1-SB05 04/30/1998 6.0-8.0 ft. Result	VQ	AA1-SB06 04/29/1998 6.0-8.0 ft. Result	VQ	AA1-SB07 04/29/1998 2.0-4.0 ft. Result	VQ	AA1-SB08 04/29/1998 2.0-4.0 ft. Result	VQ	AA1-SB09 04/30/1998 2.0-4.0 ft. Result	VQ	AA1-SB10 04/30/1998 4.0-6.0 ft. Result	VQ
General Chemistry																									
pH	SW9045	8			PH_UNITS	7.3		7.2		7.9	J	7.9	J	8		7.4	J	7	J	6.3	J	7.1		7.6	
Wet Chemistry																									
Nitrogen, Nitrate (as N)	SW9056	58600			ug/Kg	6300	U	6300	U	6300	UJ	6300	UJ	6000	U	58600	J	6200	UJ	6000	UJ	5900	U	6000	U
Sulfate (as SO4)	SW9056	5440			mg/Kg	4760		12.6	U	26.4		216		74.3		5440		766		168		218		12.1	U
Metals																									
Aluminum	SW6010	19900	15500	7600	mg/Kg	13300		12500		9590		10500		11100		11000		7890		6630		8840		**17400**	
Arsenic	SW6010	22.4	36.5	0.39	mg/Kg	6.1		6.1		7.3		5.5		6.6		6.5		3.9		5		5		10.9	
Barium	SW6010	290	826	540	mg/Kg	72		56.4		65.2		91.3		61.5		58.6		39.1		26.1		56.2		118	
Beryllium	SW6010	1.1	1	15	mg/Kg	0.65		0.63		0.63	U	0.63	U	0.6	U	0.62	U	0.62	U	0.6	U	0.59	U	0.94	
Cadmium	SW6010	6.9		3.7	mg/Kg	0.63	U	0.63	U	0.63	U	0.63	U	0.6	U	0.62	U	0.62	U	0.6	U	0.59	U	0.6	U
Calcium	SW6010	76800	52300		mg/Kg	50500		53700		58300		53600	J	66300	J	52100	J	14200	J	1830	J	3580	J	4070	J
Chromium	SW6010	27.5	29		mg/Kg	19.2		18.5		15		17.3	J	18.3	J	17.6	J	11.7	J	13.2	J	13.8	J	23	J
Cobalt	SW6010	23.6	116	90	mg/Kg	16.8		10.4		10.8		13.1		12.6		10.2		6.7		7		8.2		23.6	
Copper	SW6010	36.9	56.2	310	mg/Kg	23.7		24		23.6		24		23.5		20.5		11.8		12.2		9.7		34.5	
Iron	SW6010	36200	234000	2300	mg/Kg	23000		23100		21600		21500	J	20000	J	22300	J	14200	J	17100	J	17000	J	35100	J
Lead	SW6010	80.8	48.6	40	mg/Kg	10.6		9.8		9.8		10.7		10.2		10.2		8.7		6.4		6.8		15.4	
Magnesium	SW6010	23700	10400		mg/Kg	14800		17200		18300		15200		18100		17500		5390		1060		1690		6070	
Manganese	SW6010	1070	3506.2	180	mg/Kg	665		375		539		658	J	407	J	436	J	166	J	135	J	187	J	1070	J
Mercury	SW7471	0.081	0.1	2.3	mg/Kg	0.042	U	0.042	U	0.042	U	0.042	U	0.04	U	0.041	U	0.041	U	0.039	U	0.039	U	0.04	U
Nickel	SW6010	47.2	55.1	160	mg/Kg	34.9		26.9		27.5		31.3		29.2		24.2		13.1		16.1		13.9		47.2	
Potassium	SW6010	4820	3390		mg/Kg	2650		2920		1900		2510	J	2860	J	2250	J	1100	J	598	UJ	661	J	2430	J
Selenium	SW6010	1.2	2	39	mg/Kg	0.63	U	0.63	U	1.2		0.63	U	0.6	U	0.62	U	0.62	U	0.6	U	0.59	U	0.6	U
Sodium	SW6010	323			mg/Kg	631	U	630	U	631	U	635	U	600	U	622	U	615	U	598	U	595	U	603	U
Vanadium	SW6010	44.7	40.9	7.8	mg/Kg	28.7		28.7		25.3		24		28.5		28.7		21.4		24.7		20.7		32.4	
Zinc	SW6010	271	321.8	2300	mg/Kg	69.8		68.3		64		61.8	J	58.9	J	71.4	J	40.7	J	44.3	J	33	J	86.5	J

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-4 Summa. , .f Metals
Detected in Subsurface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB11 04/30/1998 4.0-6.0 ft. Result	VQ	AA1-SB12 04/30/1998 2.0-4.0 ft. Result	VQ	AA1-SB13 04/29/1998 2.0-4.0 ft. Result	VQ	AA1-SB14 04/29/1998 8.0-10.0 ft. Result	VQ	AA1-SB15 04/30/1998 8.0-10.0 ft. Result	VQ	AA1-SB16 04/18/2007 3.0-5.0 ft. Result	VQ	AA1-SB16 (field dup) 04/18/2007 3.0-5.0 ft. Result	VQ	AA1-SB17 04/19/2007 3.0-5.0 ft. Result	VQ	AA1-SB18 04/18/2007 3.0-5.0 ft. Result	VQ
General Chemistry																							
pH	SW9045	8			PH_UNITS	7.7		7.9	J	7.6	J	8	J	8									
Wet Chemistry																							
Nitrogen, Nitrate (as N)	SW9056	58600			ug/Kg	6200	U	6000	UJ	6200	UJ	6200	UJ	6200	U								
Sulfate (as SO4)	SW9056	5440			mg/Kg	46.5		12.1	U	12.5	U	208		141									
Metals																							
Aluminum	SW6010	19900	15500	7600	mg/Kg	7930		4700		11300		11100		8440		**16400**		12700		6040		8360	
Arsenic	SW6010	22.4	36.5	0.39	mg/Kg	6.1		3		6.6		3.9		6.3		22.4		8.3		4.4		6.8	
Barium	SW6010	290	826	540	mg/Kg	54.7		24.2	U	81.5		60.4		63		83.1		60.5		55.9		44.1	J
Beryllium	SW6010	1.1	1	15	mg/Kg	0.62	U	0.6	U	0.62		0.62	U	0.62	U	0.92	J	0.65	J	0.25	U	0.53	J
Cadmium	SW6010	6.9		3.7	mg/Kg	0.62	U	0.6	U	0.62	U	0.62	U	0.62	U	0.52	U	0.42	J	0.25	U	**6.9**	
Calcium	SW6010	76800	52300		mg/Kg	7020	J	11700		4150	J	57300	J	55400		10600		4180		13300		76000	
Chromium	SW6010	27.5	29		mg/Kg	14.1	J	12		17.8	J	19.3	J	14.4		23.5		17.2		10.3		10.7	
Cobalt	SW6010	23.6	116	90	mg/Kg	10.1		8.3		13		9.3		13.4		13.4	J	8.7	J	1.6	J	10.2	J
Copper	SW6010	36.9	56.2	310	mg/Kg	16.8		5.9		17.4		23.4		22.6		31		14.3		15		19.7	
Iron	SW6010	36200	234000	2300	mg/Kg	19000	J	13600		22200	J	20100	J	20300		34900		23600		8320		16700	
Lead	SW6010	80.8	48.6	40	mg/Kg	9.4		4.2		9.1		10		10.6		17.7	J	9.6	J	42.8	J	4.5	J
Magnesium	SW6010	23700	10400		mg/Kg	3670		3500		3340		16400		19400		5890		2560		908	J	6790	
Manganese	SW6010	1070	3506.2	180	mg/Kg	208	J	245		642	J	328	J	355		922		330		39.9		745	
Mercury	SW7471	0.081	0.1	2.3	mg/Kg	0.041	U	0.04	U	0.041	U	0.041	U	0.041	U	0.025	J	0.023	J	0.022	J	0.015	UJ
Nickel	SW6010	47.2	55.1	160	mg/Kg	19.4		9.6		26.5		25.6		27.5		32.4		19.2		5.8	J	19.1	
Potassium	SW6010	4820	3390		mg/Kg	820	J	643		1250	J	2560	J	1680		2210		1240	J	711	J	769	J
Selenium	SW6010	1.2	2	39	mg/Kg	0.62	U	0.6	U	0.62	U	1.2		0.78		1.5	U	0.77	U	0.74	U	0.73	U
Sodium	SW6010	323			mg/Kg	617	U	605	U	623	U	619	U	616	U	258	U	255	U	246	U	243	U
Vanadium	SW6010	44.7	40.9	7.8	mg/Kg	22.8		27.3		24.1		25.9		26.5		**44.6**		30.8		15.6		19	
Zinc	SW6010	271	321.8	2300	mg/Kg	47.5	J	40.7		62.6	J	61.4	J	65.1		68.5		45.1		25.8		271	

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-4 Summa_ _of Metals
Detected in Subsurface Soil at Acid Area 1

					Location	AA1-SB19		AA1-SB20		AA1-SB20 (field dup)		AA1-SB21		AA1-SB22		AA1-SB23		AA1-SB24		AA1-SB25		AA1-SB26	
					Date	04/18/2007		04/19/2007		04/19/2007		04/18/2007		04/18/2007		04/18/2007		04/18/2007		04/19/2007		04/19/2007	
					Depth	3.0-5.0 ft.		3.0-5.0 ft.		3.0-5.0 ft.		3.0-5.0 ft.		3.0-5.0 ft.		3.0-5.0 ft.		3.0-5.0 ft.		8.0-10.0 ft.		3.0-5.0 ft.	
Analyte	Method	Detect	Bkg.	PRG*	Units	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
General Chemistry																							
pH	SW9045	8			PH_UNITS																		
Wet Chemistry																							
Nitrogen, Nitrate (as N)	SW9056	58600			ug/Kg																		
Sulfate (as SO4)	SW9056	5440			mg/Kg																		
Metals																							
Aluminum	SW6010	19900	15500	7600	mg/Kg	8870		13300		12500		10400		13300		13500		**19900**		**17900**		12500	
Arsenic	SW6010	22.4	36.5	0.39	mg/Kg	6.1		5.3		4.6		5.2		8.3		8.4		13.7		8.4		5.1	
Barium	SW6010	290	826	540	mg/Kg	28.7	J	46.9	J	46	J	34.9	J	53		59.4		92.5		125		54.4	
Beryllium	SW6010	1.1	1	15	mg/Kg	0.5	J	0.8	J	0.69	J	0.47	J	0.73	J	1.1	J	0.98	J	0.87	J	0.62	J
Cadmium	SW6010	6.9		3.7	mg/Kg	0.64	J	0.31	J	0.34	J	0.25	U	0.68	J	0.52	J	0.6	J	0.7	J	0.25	U
Calcium	SW6010	76800	52300		mg/Kg	12900		2820		2800		2270		76800		11100		45000		55300		4500	
Chromium	SW6010	27.5	29		mg/Kg	13.8		14.2		13		16.7		23.6		18		27.5		25.1		15.1	
Cobalt	SW6010	23.6	116	90	mg/Kg	5.7	J	6	J	6	J	3.8	J	12.1	J	12.7		11.9	J	11	J	6.3	J
Copper	SW6010	36.9	56.2	310	mg/Kg	11		11.4		10.2		12.1		29.1		23.9		28.9		28.2		12.3	
Iron	SW6010	36200	234000	2300	mg/Kg	17600		14100		13200		18100		27900		20500		30300		27600		14300	
Lead	SW6010	80.8	48.6	40	mg/Kg	8	J	9.8	J	9.4	J	6.6	J	11.8	J	11.9		13	J	13.2	J	10.5	J
Magnesium	SW6010	23700	10400		mg/Kg	4770		1440		1360		1470		13300		7860		15500		18200		2570	
Manganese	SW6010	1070	3506.2	180	mg/Kg	163		83.4		77.2		93.7		722		395		414		462		128	
Mercury	SW7471	0.081	0.1	2.3	mg/Kg	0.028	J	0.028	J	0.032	J	0.029		0.02	J	0.026	J	0.021	J	0.024	J	0.035	J
Nickel	SW6010	47.2	55.1	160	mg/Kg	16.6		17.4		18.2		13.9		31.9		31.2		37.9		30.5		16	
Potassium	SW6010	4820	3390		mg/Kg	1190	J	768	J	735	J	1020	J	2780		2080		4820		4600		971	J
Selenium	SW6010	1.2	2	39	mg/Kg	0.74	U	0.73	U	0.74	U	0.74	U	0.77	U	0.75	U	0.77	U	0.75	U	0.75	U
Sodium	SW6010	323			mg/Kg	246	U	244	U	248	U	247	U	323	J	249	U	268	J	257	J	251	U
Vanadium	SW6010	44.7	40.9	7.8	mg/Kg	28		24.2		22.5		34.8		36.3		29.9		39		36		26.7	
Zinc	SW6010	271	321.8	2300	mg/Kg	145		65.7		62.4		35.9		63		75.4		71.8		65.1		35.1	

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 4-4 Summary of Metals
Detected in Subsurface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB27 04/19/2007 3.0-5.0 ft. Result	VQ	AA1-SB28 04/19/2007 8.0-10.0 ft. Result	VQ	AA1-SB29 04/19/2007 3.0-5.0 ft. Result	VQ	AA1-SB30 04/19/2007 3.0-5.0 ft. Result	VQ	AA1-SB30 (field dup) 04/19/2007 3.0-5.0 ft. Result	VQ	AA1-SB31 04/20/2007 3.0-5.0 ft. Result	VQ	AA1-SB32 04/20/2007 8.0-10.0 ft. Result	VQ	AA1-SB33 04/20/2007 8.0-10.0 ft. Result	VQ	AA1-SB34 04/20/2007 3.0-5.0 ft. Result	VQ
General Chemistry																							
pH	SW9045	8			PH_UNITS																		
Wet Chemistry																							
Nitrogen, Nitrate (as N)	SW9056	58600			ug/Kg																		
Sulfate (as SO4)	SW9056	5440			mg/Kg																		
Metals																							
Aluminum	SW6010	19900	15500	7600	mg/Kg	13200		12500		**19400**		12800		8270		10000		12100		15500		**18200**	**J**
Arsenic	SW6010	22.4	36.5	0.39	mg/Kg	5.7		13.4		13.2		13		10.3		6.9		12.3		14.9		7.9	
Barium	SW6010	290	826	540	mg/Kg	69.1		61.4		98.3		75.7		47.1	J	68.4		37	J	86.1		126	
Beryllium	SW6010	1.1	1	15	mg/Kg	0.66	J	0.66	J	1	J	0.48	J	0.45	J	0.52	J	0.62	J	0.845	J	0.92	J
Cadmium	SW6010	6.9		3.7	mg/Kg	0.5	J	0.63	J	0.49	U	0.51	J	0.54	J	0.5	J	0.8	J	0.53	U	0.78	J
Calcium	SW6010	76800	52300		mg/Kg			51700		2720		1530		1040	J	57700		37700		3770		5430	
Chromium	SW6010	27.5	29		mg/Kg	19.8		17.5		26.4		24.5		17		19.3		17.3		23.3		24.1	J
Cobalt	SW6010	23.6	116	90	mg/Kg	9	J	12.2		12	J	5.6	J	3.3	J	4.7	J	8.7	J	12.1	J	12.8	J
Copper	SW6010	36.9	56.2	310	mg/Kg	23.4		31.5		27		27.9		16.7		13.5		30.9		35.4		18.9	J
Iron	SW6010	36200	234000	2300	mg/Kg	20300		27300		33300		36200		25400		17300		24200		36000		2700	J
Lead	SW6010	80.8	48.6	40	mg/Kg	11.3	J	12.9	J	15.6	J	29.1	J	**50.4**	**J**	**80.8**	**J**	12.4	J	15	J	13.6	J
Magnesium	SW6010	23700	10400		mg/Kg	11900		14600		4660		2570		1020	J	3180		10300		4710		3860	
Manganese	SW6010	1070	3506.2	180	mg/Kg	506		698		464		185		70.6		246		267		817		728	
Mercury	SW7471	0.081	0.1	2.3	mg/Kg	0.018	J	0.017	J	0.034	J	0.015	U	0.016	U	0.081		0.02	J	0.02	J	0.043	
Nickel	SW6010	47.2	55.1	160	mg/Kg	28.1		33.1		31.8		20.4	J	11		13.4		28.8		37		26.6	
Potassium	SW6010	4820	3390		mg/Kg	2640		3540		2100		1840		1300		977	J	3360		2730		2450	
Selenium	SW6010	1.2	2	39	mg/Kg	0.73	U	0.67	U	1.5	U	1.5	U	0.77	U	0.75	U	0.68	U	0.8	U	0.8	J
Sodium	SW6010	323			mg/Kg	243	U	222	U	245	U	256	U	255	U	251	U	226	U	266	U	258	U
Vanadium	SW6010	44.7	40.9	7.8	mg/Kg	30.5		23		**41.9**		**44.7**		**44.2**		23.2		21.9		33.5		37.2	
Zinc	SW6010	271	321.8	2300	mg/Kg	64.6		78.5		71.3		51.1		31.7		77.3		67.6		74.1		77.2	J

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

Table 4-4 Summary of Metals
Detected in Subsurface Soil at Acid Area 1

Analyte	Method	Detect	Bkg.	PRG*	Location Date Depth Units	AA1-SB35 04/20/2007 3.0-5.0 ft. Result	VQ	AA1-SB35 (field dup) 04/20/2007 3.0-5.0 ft. Result	VQ	AA1-SB36 04/20/2007 8.0-10.0 ft. Result	VQ	AA1-SB37 04/20/2007 8.0-10.0 ft. Result	VQ
General Chemistry													
pH	SW9045	8			PH_UNITS								
Wet Chemistry													
Nitrogen, Nitrate (as N)	SW9056	58600			ug/Kg								
Sulfate (as SO4)	SW9056	5440			mg/Kg								
Metals													
Aluminum	SW6010	19900	15500	7600	mg/Kg	12500	J	14600	J	13044	J	11000	J
Arsenic	SW6010	22.4	36.5	0.39	mg/Kg	7.5		12.1		13.9		6.2	
Barium	SW6010	290	826	540	mg/Kg	97		104		290		63.4	
Beryllium	SW6010	1.1	1	15	mg/Kg	0.66	J	0.81	J	0.65	J	0.57	J
Cadmium	SW6010	6.9		3.7	mg/Kg	0.57	J	0.82	J	0.54	J	0.54	J
Calcium	SW6010	76800	52300		mg/Kg	3230		3860		48600		64300	
Chromium	SW6010	27.5	29		mg/Kg	17.4	J	22	J	18.9	J	16.1	J
Cobalt	SW6010	23.6	116	90	mg/Kg	8	J	14.1	J	13.6	J	9.3	J
Copper	SW6010	36.9	56.2	310	mg/Kg	13.6	J	33.2	J	36.9	J	24.8	J
Iron	SW6010	36200	234000	2300	mg/Kg	20800	J	29300	J	27200	J	21400	J
Lead	SW6010	80.8	48.6	40	mg/Kg	8.6	J	13.8	J	13.9	J	11.7	J
Magnesium	SW6010	23700	10400		mg/Kg	2660		3550		11800		23700	
Manganese	SW6010	1070	3506.2	180	mg/Kg	367		241		409		535	
Mercury	SW7471	0.081	0.1	2.3	mg/Kg	0.024	J	0.024	J	0.019	J	0.015	U
Nickel	SW6010	47.2	55.1	160	mg/Kg	20.2		35.7		39.1		25.4	
Potassium	SW6010	4820	3390		mg/Kg	1260		1680		3670		2790	
Selenium	SW6010	1.2	2	39	mg/Kg	0.64	U	0.83	U	0.66	U	0.77	U
Sodium	SW6010	323			mg/Kg	212	U	275	U	221	U	259	J
Vanadium	SW6010	44.7	40.9	7.8	mg/Kg	30.8		39.5		23.7		26.6	
Zinc	SW6010	271	321.8	2300	mg/Kg	36.8	J	67	J	73.5	J	51.8	J

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-1
Groundwater Level Data - Acid Area 1

Location	Installation Date	Land Elevation	Elevation TOC	Depth to Groundwater (ft bgs)							
				4/21/07	5/23/07	6/16/07	7/24/07	9/13/07	10/15/07	11/05/07	5/2/08
Piezometers											
PZ-01	4/21/2007	639.17	641.83	5.09	5.44	5.64	7.89		7.67	7.51	4.25
PZ-02	4/21/2007	639.25	640.89	5.15	5.79	6.13	9.14		9.53	9.29	4.85
PZ-03	4/19/2007	639.72	640.97	4.15	4.8	5.06	7.07		6.87	6.65	2.54
PZ-04	4/19/2007	639.42	640.55	2.73	4.48	4.76	7.75		6.53	6.01	2.79
PZ-05	4/21/2007	638.28	640.94	22.22	4.45	4.67	6.47		6.13	6.1	3.29
PZ-06	4/19/2007	640.42	641.59	2.98	4.51	4.88	7.58		7.09	6.69	3.08
PZ-07	4/20/2007	642.1	643.49	2.57	3.9	3.95	5.59		4.74	4.7	2.33
PZ-08	4/20/2007	642.27	644.2	3.68	4.82	4.42	6.09		5.15	5.13	3.78
Shallow Wells											
AA1-GW-002	9/19/1997	638.60	640.85				5.66	2.9	5.01	5.07	1.57
AA1-GW-003	7/23/2007	642.79	644.82				6.15	3.43	5.25	5.25	2.67
AA1-GW-004	7/23/2007	639.34	641.65				8.33	3.64	5.2	5.6	2.3
AA1-GW-005	7/23/2007	639.66	641.81				dry	5.81	6.74	8.75	5.62
MK-MW19	1993	636.20	639.13							4.4	2.45
Bedrock Wells											
AA1-BEDGW-001	9/24/1997	638.80	641.04				35.48	33.46	33.17	32.89	35.28
AA1-BEDGW-002	6/18/2007	644.57	646.42				65.73	62.37	60.87	59.85	54.83
AA1-BEDGW-003	6/15/2007	639.40	641.4								
AA1-BEDGW-004	7/23/2007	639.12	641.39				33.33	32.56	32.79	32.37	31.39
MNTA-BEDGW-001	9/22/1997	636.05	638.4							32.97	32.23

Table 5-1 (continued)
Groundwater Level Data - Acid Area 1

Location	Installation Date	Land Elevation	Elevation TOC	Groundwater Level (ft amsl)							
				4/21/07	5/23/07	6/16/07	7/24/07	9/13/07	10/15/07	11/05/07	5/2/08
Piezometers											
PZ-01	4/21/2007	639.17	641.83	634.08	633.73	633.53	631.28		631.5	631.66	634.92
PZ-02	4/21/2007	639.25	640.89	634.1	633.46	633.12	630.11		629.72	629.96	634.4
PZ-03	4/19/2007	639.72	640.97	635.57	634.92	634.66	632.65		632.85	633.07	637.18
PZ-04	4/19/2007	639.42	640.55	636.69	634.94	634.66	631.67		632.89	633.41	636.63
PZ-05	4/21/2007	638.28	640.94	616.06	633.83	633.61	631.81		632.15	632.18	634.99
PZ-06	4/19/2007	640.42	641.59	637.44	635.91	635.54	632.84		633.33	633.73	637.34
PZ-07	4/20/2007	642.1	643.49	639.53	638.2	638.15	636.51		637.36	637.4	639.77
PZ-08	4/20/2007	642.27	644.2	638.59	637.45	637.85	636.18		637.12	637.14	638.49
Shallow Wells											
AA1-GW-002	9/19/1997	638.60	640.85				632.94	635.70	633.59	633.53	637.03
AA1-GW-003	7/23/2007	642.79	644.82				636.64	639.36	637.54	637.54	640.12
AA1-GW-004	7/23/2007	639.34	641.65				631.01	635.70	634.14	633.74	637.04
AA1-GW-005	7/23/2007	639.66	641.81					633.85	632.92	630.91	634.04
MK-MW19	1993	636.20	639.13							631.80	633.75
Bedrock Wells											
AA1-BEDGW-001	9/24/1997	638.80	641.04				603.32	605.34	605.63	605.91	603.52
AA1-BEDGW-002	6/18/2007	644.57	646.42				578.84	582.20	583.70	584.72	589.74
AA1-BEDGW-003	6/15/2007	639.40	641.4								
AA1-BEDGW-004	7/23/2007	639.12	641.39				605.79	606.56	606.33	606.75	607.73
MNTA-BEDGW-001	9/22/1997	636.05	638.4							603.08	603.82

Table 5-2 Sumn. _ of Organic Compounds Detected in Shallow Groundwater at Acid Area 1

Analyte	Method	Max Detect	PRG*	Location Date Units	AA1-GW002 11/20/1997		AA1-GW002 05/13/1998		AA1-GW002 (field dup) 05/13/1998		AA1-GW002 11/6/2007		AA1-GW002 05/07/2008		AA1-GW003 11/9/2007		AA1-GW003 05/07/2008	
					Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Explosives																		
1,3-Dinitrobenzene	SW8330	0.12	0.36	ug/L	0.2	U	0.2	U	0.2	U	0.12	J	0.11	U	0.076	U	0.09	U
Nitrobenzene	SW8330	0.2	0.34	ug/L	0.2	U	0.2	U	0.2	U	0.083	U	0.098	U	0.084	U	0.083	U
Tetryl	SW8330	0.46	36	ug/L	0.2	U	0.2	U	0.2	U	0.075	U	0.15	U	0.076	U	0.13	U
Semivolatile Organic Compounds																		
bis(2-Ethylhexyl)phthalate	SW8270	2.2	4.8	ug/L	10	U	10	U	10	U	1.2	U	1.2	U	2.2	J	1.2	U
Volatile Organic Compounds																		
1,1,1-Trichloroethane	SW8260	150	320	ug/L	1	U	1	U	1	U	0.12	U	0.15	U	0.5	J	0.15	U
1,1-Dichloroethane	SW8260	27	81	ug/L	1	U	1	U	1	U	0.11	U	0.15	U	0.11	U	0.15	U
1,1-Dichloroethene	SW8260	2.4	34	ug/L	1	U	1	U	1	U	0.13	U	0.42	U	0.13	U	0.42	U
Acetone	SW8260	4.1	550	ug/L		R		R	10	U	1.7	U	1.1	U	3.4	J	1.3	J
Carbon Disulfide	SW8260	1.2	100	ug/L	1	U	1.2		1.1		0.15	U	0.13	U	0.15	U	0.13	U
Chloroethane	SW8260	1.6	4.6	ug/L	2	U	2	U	2	U	0.14	U	0.38	U	0.14	U	0.38	U
Chloromethane	SW8260	0.35	16	ug/L	2	U	2	U	2	U	0.28	U	0.4	U	0.28	U	0.4	U
Methylene Chloride	SW8260	0.39	4.3	ug/L	0.31	B	0.39	B	0.36	B	0.23	U	0.26	U	0.23	U	0.26	U
Trichloroethene (TCE)	SW8260	0.14	0.028	ug/L	1	U	1	U	**0.14**	**J**	0.23	U	0.28	U	0.23	U	0.28	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-2 Sumn. _ of Organic Compounds Detected in Shallow Groundwater at Acid Area 1

Analyte	Method	Max Detect	PRG*	Location Date Units	AA1-GW004 11/8/2007 Result	VQ	AA1-GW004 05/04/2008 Result	VQ	AA1-GW005 11/9/2007 Result	VQ	AA1-GW005 05/08/2008 Result	VQ	AA1-MKMW19 11/8/2007 Result	VQ	AA1-MKMW19 05/05/2008 Result	VQ	AA1-MKMW19 (field dup) 05/05/2008 Result	VQ
Explosives																		
1,3-Dinitrobenzene	SW8330	0.12	0.36	ug/L	0.08	U	0.09	U			0.09	U	0.082	U	0.089	U	0.089	U
Nitrobenzene	SW8330	0.2	0.34	ug/L	0.088	U	0.083	U			0.082	U	0.09	U	0.081	U	0.081	U
Tetryl	SW8330	0.46	36	ug/L	0.08	U	0.13	U			0.13	U	0.46		0.12	U	0.12	U
Semivolatile Organic Compounds																		
bis(2-Ethylhexyl)phthalate	SW8270	2.2	4.8	ug/L	1.2	U	1.2	U			1.2	U	1.6	U	1.2	U	1.4	U
Volatile Organic Compounds																		
1,1,1-Trichloroethane	SW8260	150	320	ug/L	0.12	U	0.15	U	0.12	U	0.15	U	150		53		49	
1,1-Dichloroethane	SW8260	27	81	ug/L	0.11	U	0.15	U	0.11	U	0.15	U	27		8		7.6	
1,1-Dichloroethene	SW8260	2.4	34	ug/L	0.13	U	0.42	U	0.13	U	0.42	U	2.4		0.59	J	0.66	J
Acetone	SW8260	4.1	550	ug/L	1.7	U	2	J	4.1	J	1.1	U	2.9	J	3.5	J	2.5	J
Carbon Disulfide	SW8260	1.2	100	ug/L	0.15	U	0.13	U	0.15	U	0.13	U	0.15	U	0.13	U	0.13	U
Chloroethane	SW8260	1.6	4.6	ug/L	0.14	U	0.38	U	0.14	U	0.38	U	1.6	J	0.38	U	0.38	U
Chloromethane	SW8260	0.35	16	ug/L	0.32	J	0.4	U	0.28	U	0.4	U	0.35	J	0.4	U	0.4	U
Methylene Chloride	SW8260	0.39	4.3	ug/L	0.23	U	0.26	U	0.23	U	0.26	U	0.23	U	0.35	U	0.26	U
Trichloroethene (TCE)	SW8260	0.14	0.028	ug/L	0.23	U	0.28	U	0.23	U	0.28	U	0.23	U	0.28	U	0.28	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-3 Summary of Metals
Detected in Shallow Groundwater at Acid Area 1

Analyte	Method	Max Detect	Action Level	Location Date Units	AA1-GW002 11/20/1997		AA1-GW002 05/13/1998		AA1-GW002 (field dup) 05/13/1998		AA1-GW002 11/6/2007		AA1-GW002 05/07/2008		AA1-GW003 11/9/2007		AA1-GW003 05/07/2008		AA1-GW004 11/8/2007	
					Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Wet Chemistry																				
Alkalinity, Carbonate (as CACO3)	E310.1	518		mg/L							428				297				518	
Alkalinity, Total (as CaCO3)	E310.1	410		mg/L	350		410													
Alkalinity, Total (as CaCO3)	SM2320	316		mg/L									316				254			
Chloride (as Cl)	E300.0	22.6		mg/L							10		4.5		22.6		20		7.5	
Chloride (as Cl)	E325.2	9		mg/L	9		9	J												
Hardness (as CACO3)	E200.7	2320		mg/L							2320		1980		387		340		2320	
Hardness (as CACO3)	E130.2	2800		mg/L	2100		2800													
Nitrogen, Nitrate (as N)	E300.0	4200	1000	ug/L									50	U			50	U		
Nitrogen, Nitrate-Nitrite	E353.2	36.3		mg/L							0.25	U			0.25	U			36.3	
Sulfate (as SO4)	E300.0	1840		mg/L							1840		1670		41.8		64.2		1660	
Sulfate (as SO4)	E375.4	1800		mg/L	1700		1800	J												
Suspended Solids (residue, Non-filterable)	E160.2	463		mg/L	5		260				8.4				4	U			4	U
Suspended Solids (residue, Non-filterable)	SM2540	19.6		mg/L									4.4				4	U		
Total Dissolved Solids	E160.1	3800		mg/L	3100		3800				3100				462				3280	
Total Dissolved Solids	SM2540	2410		mg/L									1330				2410			
Total Organic Carbon	SW9060	8.4		mg/L	6.9		6	J			2.7		2.9		1.7		1.4	J	2.9	
Turbidity	E180.1	53		NTU									20.3		4.2	J	2.3	J	1	U
Metals																				
Aluminum (total)	SW6010	3470	3600	ug/L	2020	J	200	U	200	U	75	U	75	U	75	U	75	U	75	U
Arsenic (total)	SW6010	6.1	0.045	ug/L	20	U	10	U	10	U	**3**	**J**	3	U	3	U	3	U	3	U
Barium	SW6010	48.4	260	ug/L	200	U	200	U	200	U	16.5	J			33.9	J			26.4	J
Barium (total)	SW6010	80.1	260	ug/L	200	U	200	U	200	U	16.7	J	11.9	J	37.1	J	31	J	26.8	J
Calcium	SW6010	651000		ug/L	549000		545000		651000		492000				125000				549000	
Calcium (total)	SW6010	601000		ug/L	601000		512000		559000		492000		508000		130000		114000		560000	
Chromium (total)	SW6010	7.2		ug/L	10	U	10	U	10	U	2	U	2	U	2	U	2	U	2	U
Cobalt	SW6010	10.9	73	ug/L	50	U	50	U	50	U	10.9	J			3	U			4	J
Cobalt (total)	SW6010	11.5	73	ug/L	50	U	50	U	50	U	9.7	J	11.5	J	3	U	3	U	3.2	J
Iron	SW6010	39100	1100	ug/L	**14400**		**39100**		**14100**		**7950**				642				30	U
Iron (total)	SW6010	37100	1100	ug/L	**32900**		**26200**		**37100**		**9720**		**12800**		621		377		56.5	J
Lead	SW6010	1.7		ug/L	6	U	3	U	3	U	1.7	J			1.5	U			1.5	U
Lead (total)	SW6010	5.1		ug/L	6	U	3	U	3	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Magnesium	SW6010	428000		ug/L	305000		257000		428000		287000				14400				210000	
Magnesium (total)	SW6010	284000		ug/L	199000		283000		284000		266000		173000		15000		13400		224000	
Manganese	SW6010	7230	88	ug/L	**4740**		**5550**		**7230**		**4450**				**430**				**434**	
Manganese (total)	SW6010	5900	88	ug/L	**5410**		**5900**		**5870**		**4410**		**4410**		**459**		**251**		**436**	

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-3 Summa., of Metals
Detected in Shallow Groundwater at Acid Area 1

Analyte	Method	Max Detect	Action Level	Location Date Units	AA1-GW002 11/20/1997		AA1-GW002 05/13/1998		AA1-GW002 (field dup) 05/13/1998		AA1-GW002 11/6/2007		AA1-GW002 05/07/2008		AA1-GW003 11/9/2007		AA1-GW003 05/07/2008		AA1-GW004 11/8/2007	
					Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Nickel	SW6010	9.9	73	ug/L	40	U	40	U	40	U	9.9	J			3.3	J			8.7	J
Nickel (total)	SW6010	15.8	73	ug/L	40	U	40	U	40	U	10.2		10.9		3	U	3	U	9	J
Potassium	SW6010	8190		ug/L	6710		5000	U	8190		5950				2120				5950	
Potassium (total)	SW6010	14800		ug/L	5000	U	5000	U	5000	U	5420		2690		2280		1830	J	6280	
Sodium	SW6010	50100		ug/L	39600		24200		50100		41300				6430				49100	
Sodium (total)	SW6010	51900		ug/L	21400		24700		25400		37600		18700		6980		9320		51900	
Thallium	SW6010	3.5	0.24	ug/L	20	U	10	U	10	U	3	U			**3.5**	**J**			3	U
Thallium (total)	SW6010	6.5	0.24	ug/L	20	U	10	U	10	U	**6.5**	**J**	3	U	3	U	3	U	3	U
Vanadium (total)	SW6010	8.8	3.6	ug/L	50	U	50	U	50	U	3	U	3	U	3	U	3	U	3	U
Zinc	SW6010	47.4	1100	ug/L	33.5	B	34.2	B	47.4	B	5	U			13.1	J			5	U
Zinc (total)	SW6010	67.4	1100	ug/L	67.4		41.6	B	36.9	B	5	U	5	U	12.8	J	18.8	J	5	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-3 Summa.. of Metals
Detected in Shallow Groundwater at Acid Area 1

Analyte	Method	Max Detect	Action Level	Location Date Units	AA1-GW004 05/04/2008		AA1-GW005 11/9/2007		AA1-GW005 05/08/2008		MK-MW19 11/8/2007		MK-MW19 05/05/2008		MK-MW19 (field dup) 05/05/2008	
					Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Wet Chemistry																
Alkalinity, Carbonate (as CACO3)	E310.1	518		mg/L			363				344					
Alkalinity, Total (as CaCO3)	E310.1	410		mg/L												
Alkalinity, Total (as CaCO3)	SM2320	316		mg/L	305				168	J			279		279	
Chloride (as Cl)	E300.0	22.6		mg/L	1.2		4.3		1.8		3.4		2.2		2.3	
Chloride (as Cl)	E325.2	9		mg/L												
Hardness (as CACO3)	E200.7	2320		mg/L	725		578		271		452		366		364	
Hardness (as CACO3)	E130.2	2800		mg/L												
Nitrogen, Nitrate (as N)	E300.0	4200	1000	ug/L	**4200**				230				50	U	50	U
Nitrogen, Nitrate-Nitrite	E353.2	36.3		mg/L			0.46	J			0.25	U				
Sulfate (as SO4)	E300.0	1840		mg/L	483		187		120		93		76.4		77	
Sulfate (as SO4)	E375.4	1800		mg/L												
Suspended Solids (residue, Non-filterable)	E160.2	463		mg/L			463				4	U				
Suspended Solids (residue, Non-filterable)	SM2540	19.6		mg/L	4	U			19.6				4	U	4	U
Total Dissolved Solids	E160.1	3800		mg/L			726				546					
Total Dissolved Solids	SM2540	2410		mg/L	1080				356				436		437	
Total Organic Carbon	SW9060	8.4		mg/L	4.5		8.4		3.1		3.6		2		1.8	
Turbidity	E180.1	53		NTU	1	U	53		1.7	J	1	U	1	U	1	U
Metals																
Aluminum (total)	SW6010	3470	3600	ug/L	75	U	3470		120	J	75	U	75	U	75	U
Arsenic (total)	SW6010	6.1	0.045	ug/L	3	U	**6.1**	J	3	U	3	U	3	U	3	U
Barium	SW6010	48.4	260	ug/L							48.4					
Barium (total)	SW6010	80.1	260	ug/L	32.8	J	80.1		32	J	51.1		35.6	J	35.4	J
Calcium	SW6010	651000		ug/L							129000					
Calcium (total)	SW6010	601000		ug/L	228000		177000		84200		133000		110000		110000	
Chromium (total)	SW6010	7.2		ug/L	2	U	7.2	J	2	U	2	U	2	U	2	U
Cobalt	SW6010	10.9	73	ug/L							3	U				
Cobalt (total)	SW6010	11.5	73	ug/L	3	U	6.6	J	3	U	3	U	3	U	3	U
Iron	SW6010	39100	1100	ug/L							30	U				
Iron (total)	SW6010	37100	1100	ug/L	30	U	**10800**		567		30	U	30	U	30	U
Lead	SW6010	1.7		ug/L							1.5	U				
Lead (total)	SW6010	5.1		ug/L	1.5	U	5.1		1.5	U	1.7	J	1.5	U	1.5	U
Magnesium	SW6010	428000		ug/L							28100					
Magnesium (total)	SW6010	284000		ug/L	38000		33100		14700		29300		21900		21800	
Manganese	SW6010	7230	88	ug/L							24.1					
Manganese (total)	SW6010	5900	88	ug/L	85.9		**5550**		**521**		21.4		3	U	3	U

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-3 Summary of Metals
Detected in Shallow Groundwater at Acid Area 1

Analyte	Method	Max Detect	Action Level	Location Date Units	AA1-GW004 05/04/2008		AA1-GW005 11/9/2007		AA1-GW005 05/08/2008		MK-MW19 11/8/2007		MK-MW19 05/05/2008		MK-MW19 (field dup) 05/05/2008	
					Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Nickel	SW6010	9.9	73	ug/L							3	U				
Nickel (total)	SW6010	15.8	73	ug/L	4.5	J	15.8		6.5	J	3	U	3	U	3	U
Potassium	SW6010	8190		ug/L							702	J				
Potassium (total)	SW6010	14800		ug/L	14800		4830		997	J	722	J	500	U	500	U
Sodium	SW6010	50100		ug/L							6790					
Sodium (total)	SW6010	51900		ug/L	30000		5120		2600		6940		5580		5770	
Thallium	SW6010	3.5	0.24	ug/L							3	U				
Thallium (total)	SW6010	6.5	0.24	ug/L	3	U	3	U	3	U	3	U	3	U	3	U
Vanadium (total)	SW6010	8.8	3.6	ug/L	3	U	**8.8**	**J**	3	U	3	U	3	U	3	U
Zinc	SW6010	47.4	1100	ug/L							5	U				
Zinc (total)	SW6010	67.4	1100	ug/L	5	U	17.7	J	25.9		5	U	5	U	5	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-4 Summ. _ of Organic Compounds Detected in Deep Bedrock Groundwater at Acid Area 1

Analyte	Method	Max Detect	Water Bkg.	PRG*	Location Date Units	AA1-BED-GW001 11/16/1997		AA1-BED-GW001 (field dup) 11/16/1997		AA1-BED-GW001 05/12/98		AA1-BED-GW001 11/9/2007		AA1-BED-GW001 (field dup) 11/9/2007	
						Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Explosives															
1,3,5-Trinitrobenzene	SW8330	3.9		110	ug/L	0.4	U	0.2	U	0.2	U	3.9	J	3.6	J
1,3-Dinitrobenzene	SW8330	0.18		0.36	ug/L	0.4	U	0.26	U	0.2	U	0.18	J	0.072	UJ
2,4,6-Trinitrotoluene	SW8330	2.8		2.2	ug/L	0.4	U	0.2	U	0.2	U	**2.8**	**J**	**2.6**	**J**
2,4-Dinitrotoluene	SW8330	0.23		7.3	ug/L	0.4	U	0.2	U	0.23		0.098	UJ	0.094	UJ
2,6-Dinitrotoluene	SW8330	1.7		3.6	ug/L	0.4	U	0.2	U	0.2	U	1.7	J	0.4	J
2-Amino-4,6-Dinitrotoluene	SW8330	0.96			ug/L							0.96	J	0.89	J
2-Nitrotoluene	SW8330	1.1		0.049	ug/L	0.53	U	0.58	U	**1.1**		**0.087**	**J**	0.072	UJ
3-Nitrotoluene	SW8330	0.82		12	ug/L	0.4	U	0.2	U	0.31		0.11	UJ	0.11	UJ
4-Amino-2,6-Dinitrotoluene	SW8330	0.55			ug/L	0.4	U	0.2	U	0.2	U	0.075	UJ	0.072	UJ
4-Nitrotoluene	SW8330	0.15		0.66	ug/L							0.075	UJ	0.072	UJ
HMX	SW8330	0.25		180	ug/L	1	U	0.5	U	0.5	U	0.25	J	0.17	J
Nitrobenzene	SW8330	0.52		0.34	ug/L	0.4	U	0.2	U	0.2	U	0.18	J	0.3	J
RDX	SW8330	5.5		0.61	ug/L	1	U	0.5	U	**2.8**		**2.9**	**J**	**3.3**	**J**
Tetryl	SW8330	2.4		36	ug/L	0.4	U	0.2	U	2.4		0.075	UJ	0.11	J
Polychlorinated Biphenyls (PCBs)															
Semivolatile Organic Compounds															
1,4-Dichlorobenzene	SW8270	0.68		0.5	ug/L	10	U	200	U	10	U	15	U	15	U
2,4-Dimethylphenol	SW8270	20		73	ug/L	10	U	200	U	3.6	J	20	U	20	U
2-Methylnaphthalene	SW8270	390			ug/L	28		25	J	31		390	J	190	J
3-Methylphenol	SW8270	8.4		180	ug/L							22	U	22	U
4-Methylphenol (p-Cresol)	SW8270	8.4		18	ug/L	10	U	200	U	10	U	22	U	22	U
Isophorone	SW8270	2.9		71	ug/L	2.9	J	200	U	10	U	16	U	16	U
Naphthalene	SW8270	120		0.62	ug/L	**16**		200	U	**18**		**120**	**J**	**66**	**J**
Phenanthrene	SW8270	61			ug/L	10	U	200	U	2.3	J	61	J	31	J
Phenol	SW8270	43		1100	ug/L	43		31	J	15		13	U	13	U
bis(2-Ethylhexyl)phthalate	SW8270	28		4.8	ug/L	**28**		200	U	**23**	**B**	36	UJ	36	U

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-4 Sumn. of Organic Compounds
Detected in Deep Bedrock Groundwater at Acid Area 1

Analyte	Method	Max Detect	Water Bkg.	PRG*	Location Date Units	AA1-BED-GW001 11/16/1997 Result	VQ	AA1-BED-GW001 (field dup) 11/16/1997 Result	VQ	AA1-BED-GW001 05/12/98 Result	VQ	AA1-BED-GW001 11/9/2007 Result	VQ	AA1-BED-GW001 (field dup) 11/9/2007 Result	VQ
Volatile Organic Compounds															
Acetone	SW8260	33		550	ug/L		R	250	U		R	32	J	33	J
Benzene	SW8260	140	2.4	0.35	ug/L	**11**	J	**14**	J	**31**		**40**		**42**	
Carbon Disulfide	SW8260	89		100	ug/L	29	J	89	J	63		0.75	U	0.75	U
Cyclohexane	SW8260	530		1000	ug/L							500		440	
Ethylbenzene	SW8260	140	0.87	130	ug/L	7.7	J	7.2	J	39		60		58	
Isopropylbenzene (Cumene)	SW8260	28		66	ug/L							22		20	
Methylcyclohexane	SW8260	490		520	ug/L							420		330	
Methylene Chloride	SW8260	8.8		4.3	ug/L	**8.8**	B	**6.7**	B	**4.4**	B	1.2	U	1.2	U
Toluene	SW8260	240	1.7	72	ug/L	18	B	30	B	50		60		61	
Trichloroethene (TCE)	SW8260	1.8		0.028	ug/L	25	U	25	U	5	U	1.2	U	1.2	U
Xylenes, Total	SW8260	930	5.5	21	ug/L	**150**		**150**		**500**		**630**		**600**	

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-4 Summ.. , of Organic Compounds
Detected in Deep Bedrock Groundwater at Acid Area 1

Analyte	Method	Max Detect	Water Bkg.	PRG*	Location Date Units	AA1-BED-GW001 05/07/08		AA1-BED-GW002 05/04/08		AA1-BED-GW003 11/7/2007		AA1-BED-GW003 05/02/08		AA1-BED-GW004 11/6/2007		AA1-BED-GW004 05/06/08	
						Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Explosives																	
1,3,5-Trinitrobenzene	SW8330	3.9		110	ug/L	0.13	U	0.15	U	0.08	UJ	0.13	UJ	0.075	UJ	0.14	UJ
1,3-Dinitrobenzene	SW8330	0.18		0.36	ug/L	0.09	U	0.11	U	0.08	UJ	0.094	UJ	0.075	UJ	0.096	UJ
2,4,6-Trinitrotoluene	SW8330	2.8		2.2	ug/L	0.99		0.15	U	0.08	UJ	0.13	UJ	0.075	UJ	0.14	UJ
2,4-Dinitrotoluene	SW8330	0.23		7.3	ug/L	0.13	U	0.15	U	0.1	UJ	0.13	UJ	0.098	UJ	0.14	UJ
2,6-Dinitrotoluene	SW8330	1.7		3.6	ug/L	0.13	U	1.7	J	0.1	UJ	0.13	UJ	0.21	J	0.14	UJ
2-Amino-4,6-Dinitrotoluene	SW8330	0.96			ug/L	0.13	U	0.46		0.12	UJ	0.13	UJ	0.11	UJ	0.14	UJ
2-Nitrotoluene	SW8330	1.1		0.049	ug/L	0.13	U	0.15	U	0.08	UJ	0.13	UJ	0.075	UJ	0.14	UJ
3-Nitrotoluene	SW8330	0.82		12	ug/L	0.82	J	0.15	U	0.14	J	0.28	J	0.11	UJ	0.14	UJ
4-Amino-2,6-Dinitrotoluene	SW8330	0.55			ug/L	0.55		0.15	U	0.082	J	0.13	UJ	0.075	UJ	0.14	UJ
4-Nitrotoluene	SW8330	0.15		0.66	ug/L	0.13	U	0.15	U	0.08	UJ	0.13	UJ	0.075	UJ	0.15	J
HMX	SW8330	0.25		180	ug/L	0.13	U	0.15	U	0.08	UJ	0.13	UJ	0.075	UJ	0.14	UJ
Nitrobenzene	SW8330	0.52		0.34	ug/L	0.082	U	**0.52**	J	0.088	UJ	0.086	UJ	0.083	UJ	0.088	UJ
RDX	SW8330	5.5		0.61	ug/L	**0.64**	J	**5.5**	J	0.08	UJ	0.13	UJ	0.075	UJ	0.14	J
Tetryl	SW8330	2.4		36	ug/L	0.13	U	0.15	U	0.08	UJ	0.13	UJ	0.075	UJ	0.14	UJ
Polychlorinated Biphenyls (PCBs)																	
Semivolatile Organic Compounds																	
1,4-Dichlorobenzene	SW8270	0.68		0.5	ug/L	0.52	U			0.5	U			**0.68**	J	0.54	U
2,4-Dimethylphenol	SW8270	20		73	ug/L	0.68	U	20		0.66	U	0.71	U	3.3	J	1.2	J
2-Methylnaphthalene	SW8270	390			ug/L	36		42		6.3		0.81	J	6.1		1.8	J
3-Methylphenol	SW8270	8.4		180	ug/L	0.74	U	8.4		0.72	U	0.77	U	0.72	U	0.77	U
4-Methylphenol (p-Cresol)	SW8270	8.4		18	ug/L	0.74	U	8.4		0.72	U	0.77	U	0.72	U	0.77	U
Isophorone	SW8270	2.9		71	ug/L	0.53	U	0.51	U	0.51	U	0.55	U	0.51	U	0.55	U
Naphthalene	SW8270	120		0.62	ug/L	**36**		**43**		**6**		**1.3**	J	**10**		**3.3**	J
Phenanthrene	SW8270	61			ug/L	0.74	U	0.72	U	0.72	U	0.77	U	0.72	U	0.77	U
Phenol	SW8270	43		1100	ug/L	0.44	U	8.2		0.43	U	0.46	U	0.43	U	0.46	U
bis(2-Ethylhexyl)phthalate	SW8270	28		4.8	ug/L	1.2	U	1.2	U	2	J	1.3	U	1.2	U	1.3	U

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-4 Summ. of Organic Compounds
Detected in Deep Bedrock Groundwater at Acid Area 1

Analyte	Method	Max Detect	Water Bkg.	PRG*	Location Date Units	AA1-BED-GW001 05/07/08 Result	VQ	AA1-BED-GW002 05/04/08 Result	VQ	AA1-BED-GW003 11/7/2007 Result	VQ	AA1-BED-GW003 05/02/08 Result	VQ	AA1-BED-GW004 11/6/2007 Result	VQ	AA1-BED-GW004 05/06/08 Result	VQ
Volatile Organic Compounds																	
Acetone	SW8260	33		550	ug/L	5.4	U	5.4	U	6.2	J	2.1	U	18	J		
Benzene	SW8260	140	2.4	0.35	ug/L	**74**		**140**		**9.5**		**11**		**98**			
Carbon Disulfide	SW8260	89		100	ug/L	0.65	U	0.65	U	0.3	U	0.26	U	0.75	U		
Cyclohexane	SW8260	530		1000	ug/L	420		230		290		200		260			
Ethylbenzene	SW8260	140	0.87	130	ug/L	45		**140**		22		19		61			
Isopropylbenzene (Cumene)	SW8260	28		66	ug/L	17		28		6.7		4.9		11			
Methylcyclohexane	SW8260	490		520	ug/L	310		83		110		68		70			
Methylene Chloride	SW8260	8.8		4.3	ug/L	3.4	U	6.3	U	2.8	J	2.1	U	1.4	J		
Toluene	SW8260	240	1.7	72	ug/L	62		**240**		40		45		**210**			
Trichloroethene (TCE)	SW8260	1.8		0.028	ug/L	1.4	U	1.4	U	0.46	U	0.56	U	**1.8**	**J**		
Xylenes, Total	SW8260	930	5.5	21	ug/L	**520**		**930**		**260**		**200**		**530**			

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-4 Summ. . of Organic Compounds
Detected in Deep Bedrock Groundwater at Acid Area 1

Analyte	Method	Max Detect	Water Bkg.	PRG*	Location Date Units	AA1-BED-GW004 05/07/08		AA1MNTA-BEDGW001 11/8/2007		AA1MNTA-BEDGW001 05/05/08	
						Result	VQ	Result	VQ	Result	VQ
Explosives											
1,3,5-Trinitrobenzene	SW8330	3.9		110	ug/L			0.074	UJ	0.13	UJ
1,3-Dinitrobenzene	SW8330	0.18		0.36	ug/L			0.074	UJ	0.09	UJ
2,4,6-Trinitrotoluene	SW8330	2.8		2.2	ug/L			0.074	UJ	0.13	UJ
2,4-Dinitrotoluene	SW8330	0.23		7.3	ug/L			0.096	UJ	0.13	UJ
2,6-Dinitrotoluene	SW8330	1.7		3.6	ug/L			0.096	UJ	0.13	UJ
2-Amino-4,6-Dinitrotoluene	SW8330	0.96			ug/L			0.11	UJ	0.13	UJ
2-Nitrotoluene	SW8330	1.1		0.049	ug/L			0.074	UJ	0.13	UJ
3-Nitrotoluene	SW8330	0.82		12	ug/L			0.18	J	0.54	J
4-Amino-2,6-Dinitrotoluene	SW8330	0.55			ug/L			0.074	UJ	0.13	UJ
4-Nitrotoluene	SW8330	0.15		0.66	ug/L			0.074	UJ	0.13	UJ
HMX	SW8330	0.25		180	ug/L			0.074	UJ	0.13	UJ
Nitrobenzene	SW8330	0.52		0.34	ug/L			0.081	UJ	0.083	UJ
RDX	SW8330	5.5		0.61	ug/L			0.074	UJ	0.13	UJ
Tetryl	SW8330	2.4		36	ug/L			0.074	UJ	0.13	UJ
Polychlorinated Biphenyls (PCBs)											
Semivolatile Organic Compounds											
1,4-Dichlorobenzene	SW8270	0.68		0.5	ug/L			0.51	U		
2,4-Dimethylphenol	SW8270	20		73	ug/L			0.67	U	0.66	U
2-Methylnaphthalene	SW8270	390			ug/L			13		17	
3-Methylphenol	SW8270	8.4		180	ug/L			0.73	U	0.72	U
4-Methylphenol (p-Cresol)	SW8270	8.4		18	ug/L			0.73	U	0.72	U
Isophorone	SW8270	2.9		71	ug/L			0.52	U	0.51	U
Naphthalene	SW8270	120		0.62	ug/L			**9.9**		**13**	
Phenanthrene	SW8270	61			ug/L			0.73	U	0.72	U
Phenol	SW8270	43		1100	ug/L			0.43	U	0.43	U
bis(2-Ethylhexyl)phthalate	SW8270	28		4.8	ug/L			2	J	1.2	U

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-4 Summ. _ of Organic Compounds Detected in Deep Bedrock Groundwater at Acid Area 1

Analyte	Method	Max Detect	Water Bkg.	PRG*	Location Date Units	AA1-BED-GW004 05/07/08		AA1MNTA-BEDGW001 11/8/2007		AA1MNTA-BEDGW001 05/05/08	
						Result	VQ	Result	VQ	Result	VQ
Volatile Organic Compounds											
Acetone	SW8260	33		550	ug/L	1.1	U	8.4	U	1.1	U
Benzene	SW8260	140	2.4	0.35	ug/L	**68**		**76**		**17**	
Carbon Disulfide	SW8260	89		100	ug/L	0.13	U	0.75	U	0.13	U
Cyclohexane	SW8260	530		1000	ug/L	170		530		140	
Ethylbenzene	SW8260	140	0.87	130	ug/L	30		49		13	
Isopropylbenzene (Cumene)	SW8260	28		66	ug/L	6.8		18		4	
Methylcyclohexane	SW8260	490		520	ug/L	44		490		66	
Methylene Chloride	SW8260	8.8		4.3	ug/L	0.29	U	1.2	U	0.26	U
Toluene	SW8260	240	1.7	72	ug/L	**93**		**97**		28	
Trichloroethene (TCE)	SW8260	1.8		0.028	ug/L	0.28	U	1.2	U	0.28	U
Xylenes, Total	SW8260	930	5.5	21	ug/L	**230**		**450**		**140**	

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-5 Summary of Metals
Detected in Deep Bedrock Groundwater at Acid Area 1

Analyte	Method	Max Detect	Water Bkg.	PRG*	Location Date Units	AA1-BED-GW001 11/16/1997		AA1-BED-GW001 (field dup) 11/16/1997		AA1-BED-GW001 05/12/1998		AA1-BED-GW001 11/9/2007		AA1-BED-GW001 (field dup) 11/9/2007	
						Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Wet Chemistry															
Alkalinity, Carbonate (as CACO3)	E310.1	944			mg/L							541		557	
Alkalinity, Total (as CaCO3)	E310.1	900			mg/L	830				900					
Alkalinity, Total (as CaCO3)	SM2320	850			mg/L										
Chloride (as Cl)	E300.0	3340			mg/L							3340		3280	
Chloride (as Cl)	E325.2	3000			mg/L	1900				3000	J				
Cyanide	SW9012	1100		73	ug/L							**1100**	J	**88.1**	J
Hardness (as CACO3)	E200.7	2370			mg/L							2330		2370	
Hardness (as CACO3)	E130.2	2000			mg/L	1800				2000					
Nitrogen, Nitrate-Nitrite	E353.2	0.28			mg/L							0.25	U	0.25	U
Nitrogen, Nitrite	E300.0	2900		100	ug/L										
Sulfate (as SO4)	E300.0	206			mg/L							10		10.2	
Sulfate (as SO4)	E375.4	40			mg/L	7				40	J				
Suspended Solids (residue, Non-filterable)	E160.2	330			mg/L	6				330		102		127	
Suspended Solids (residue, Non-filterable)	SM2540	36			mg/L										
Total Dissolved Solids	E160.1	7140			mg/L	3600				730		7060		7140	
Total Dissolved Solids	SM2540	6180			mg/L										
Total Organic Carbon	SW9060	16			mg/L	16				11	J	10.8		11.7	
Turbidity	E180.1	273			NTU							51.1		68.6	
Metals															
Aluminum	SW6010	76.6	309	3600	ug/L	200	U	200	U	200	U	75	U	76.6	J
Aluminum (total)	SW6010	637	309	3600	ug/L	637		370		468		103	J	148	J
Arsenic	SW6010	19.6	7.4	0.045	ug/L	30	U	30	U	**19.6**		3	U	3	U
Arsenic (total)	SW6010	21.2	7.4	0.045	ug/L	**16.5**		**10.1**		**21.2**		3	U	3	U
Barium	SW6010	2810	11800	260	ug/L	1260		1330		1490		2780		2810	
Barium (total)	SW6010	2990	11800	260	ug/L	1060		989		1330		2910		2990	
Calcium	SW6010	364000	316000		ug/L	305000	J	311000	J	321000		361000		364000	
Calcium (total)	SW6010	371000	316000		ug/L	302000		281000		295000		362000		368000	
Chromium	SW6010	2			ug/L	10	U	10	U	10	U	2	J	2	U
Chromium (total)	SW6010	15.9			ug/L	12.7		10	U	10	U	2.6	J	3.1	J

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-5 Summa. . . Metals
Detected in Deep Bedrock Groundwater at Acid Area 1

Analyte	Method	Max Detect	Water Bkg.	PRG*	Location Date Units	AA1-BED-GW001 11/16/1997		AA1-BED-GW001 (field dup) 11/16/1997		AA1-BED-GW001 05/12/1998		AA1-BED-GW001 11/9/2007		AA1-BED-GW001 (field dup) 11/9/2007	
						Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Copper (total)	SW6010	26.2	19.8	150	ug/L	26.2		25	U	25	U	4	UJ	4	UJ
Iron	SW6010	606	1550	1100	ug/L	137	B	606		100	U	44.2	J	62.6	J
Iron (total)	SW6010	2540	1550	1100	ug/L	**1920**		1060		**2540**		398	J	1030	J
Lead	SW6010	2.5			ug/L	9	U	9	U	3	U	1.5	U	1.5	U
Lead (total)	SW6010	4.4			ug/L	3	U	4.4		3	U	1.5	U	1.6	J
Magnesium	SW6010	349000	217000		ug/L	237000		241000		259000		346000		349000	
Magnesium (total)	SW6010	355000	217000		ug/L	218000		204000		230000		346000		355000	
Manganese	SW6010	1020	636	88	ug/L	516		**678**		**696**		**997**		**1020**	
Manganese (total)	SW6010	1170	636	88	ug/L	575		**646**		**732**		**1140**		**1170**	
Mercury	SW7470	0.19			ug/L	0.2	U	0.2	U	0.2	U	0.08	U	0.08	U
Mercury (total)	SW7470	0.18			ug/L	0.2	U	0.2	U	0.2	U	0.08	U	0.08	U
Potassium	SW6010	91900	116000		ug/L	42400		43400		47800		83500		83700	
Potassium (total)	SW6010	95900	116000		ug/L	38500		35600		43200		86100		88400	
Selenium (total)	SW6010	4		18	ug/L	5	U	5	U	5	U	3	U	3	U
Sodium	SW6010	1230000	1390000		ug/L	644000		648000		786000		1170000		1230000	
Sodium (total)	SW6010	1420000	1390000		ug/L	582000		535000		682000		1260000		1290000	
Thallium	SW6010	4.3		0.24	ug/L	30	U	30	U	10	U	**4.3**	**J**	**3.2**	**J**
Thallium (total)	SW6010	4.7		0.24	ug/L	10	U	10	U	10	U	**3.5**	**J**	3	U
Vanadium	SW6010	8.9		3.6	ug/L	50	U	50	U	50	U	**8.5**	**J**	**8.9**	**J**
Vanadium (total)	SW6010	11.1		3.6	ug/L	50	U	50	U	50	U	**10.8**	**J**	**11.1**	**J**
Zinc	SW6010	105	507	1100	ug/L	105		59.1		66.3	B	5	U	5	U
Zinc (total)	SW6010	38.3	507	1100	ug/L	32.8		20	U	38.3	B	5	U	5.2	J

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-5 Summa. , of Metals
Detected in Deep Bedrock Groundwater at Acid Area 1

Analyte	Method	Max Detect	Water Bkg.	PRG*	Location Date Units	AA1-BED-GW001 05/07/2008		AA1-BED-GW002 05/04/2008		AA1-BED-GW003 11/7/2007		AA1-BED-GW003 05/02/2008		AA1-BED-GW003 05/04/2008		AA1-BED-GW004 11/6/2007	
						Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Wet Chemistry																	
Alkalinity, Carbonate (as CACO3)	E310.1	944			mg/L					944						587	
Alkalinity, Total (as CaCO3)	E310.1	900			mg/L												
Alkalinity, Total (as CaCO3)	SM2320	850			mg/L	670		520				850					
Chloride (as Cl)	E300.0	3340			mg/L	2450		3110		543		523	J			637	
Chloride (as Cl)	E325.2	3000			mg/L												
Cyanide	SW9012	1100		73	ug/L	5	U	5	U	6	U	5	U			16.6	
Hardness (as CACO3)	E200.7	2370			mg/L	2140		1530		422		376				592	
Hardness (as CACO3)	E130.2	2000			mg/L												
Nitrogen, Nitrate-Nitrite	E353.2	0.28			mg/L			0.25	U	0.25	U					0.25	U
Nitrogen, Nitrite	E300.0	2900		100	ug/L	**330**								**2900**	**J**		
Sulfate (as SO4)	E300.0	206			mg/L	0.57		206		9.8	J	1.3	J			5.7	
Sulfate (as SO4)	E375.4	40			mg/L												
Suspended Solids (residue, Non-filterable)	E160.2	330			mg/L					12.8						4	J
Suspended Solids (residue, Non-filterable)	SM2540	36			mg/L	36		4	U			4	J				
Total Dissolved Solids	E160.1	7140			mg/L					2060						1710	
Total Dissolved Solids	SM2540	6180			mg/L	1390		6180				1880					
Total Organic Carbon	SW9060	16			mg/L	7.8		5.6		3.7		3.4				1.5	
Turbidity	E180.1	273			NTU	109				13.8	J			5	J		
Metals																	
Aluminum	SW6010	76.6	309	3600	ug/L					75	U					75	U
Aluminum (total)	SW6010	637	309	3600	ug/L	122	J	109	J	89.9	J	75	U			131	J
Arsenic	SW6010	19.6	7.4	0.045	ug/L					6.5	J					3	U
Arsenic (total)	SW6010	21.2	7.4	0.045	ug/L	3	U	**20.1**		4.7	J	3	U			3	U
Barium	SW6010	2810	11800	260	ug/L					42.8						356	
Barium (total)	SW6010	2990	11800	260	ug/L	1870		185		46.6		29.6	J			380	
Calcium	SW6010	364000	316000		ug/L					81300						110000	
Calcium (total)	SW6010	371000	316000		ug/L	371000		295000		84300		74800				115000	
Chromium	SW6010	2			ug/L					2	U					2	U
Chromium (total)	SW6010	15.9			ug/L	2	U	2	U	2	U	2	U			2	U

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-5 Summary of Metals
Detected in Deep Bedrock Groundwater at Acid Area 1

Analyte	Method	Max Detect	Water Bkg.	PRG*	Location Date Units	AA1-BED-GW001 05/07/2008		AA1-BED-GW002 05/04/2008		AA1-BED-GW003 11/7/2007		AA1-BED-GW003 05/02/2008		AA1-BED-GW003 05/04/2008		AA1-BED-GW004 11/6/2007	
						Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Copper (total)	SW6010	26.2	19.8	150	ug/L	4	U	4	U	4	UJ	4	U			4	UJ
Iron	SW6010	606	1550	1100	ug/L					45.7	J					67.8	J
Iron (total)	SW6010	2540	1550	1100	ug/L	705		1330		446		90.6	J			471	
Lead	SW6010	2.5			ug/L					1.5	U					2.5	J
Lead (total)	SW6010	4.4			ug/L	1.5	U	1.5	U	1.5	U	1.5	U			1.5	U
Magnesium	SW6010	349000	217000		ug/L					49900						70600	
Magnesium (total)	SW6010	355000	217000		ug/L	297000		194000		51500		46000				74100	
Manganese	SW6010	1020	636	88	ug/L					7	J					105	
Manganese (total)	SW6010	1170	636	88	ug/L	33.6		186		11.3	J	8.4	J			114	
Mercury	SW7470	0.19			ug/L					0.19	J					0.08	U
Mercury (total)	SW7470	0.18			ug/L	0.08	U	0.08	U	0.18	J	0.08	U			0.08	U
Potassium	SW6010	91900	116000		ug/L					48200						39900	
Potassium (total)	SW6010	95900	116000		ug/L	63900		93300		49700		47500				40500	
Selenium (total)	SW6010	4		18	ug/L	3	U	4	J	3	U	3.8	J			3	U
Sodium	SW6010	1230000	1390000		ug/L					543000						395000	
Sodium (total)	SW6010	1420000	1390000		ug/L	808000		1420000		571000		527000				400000	
Thallium	SW6010	4.3		0.24	ug/L					**3.8**	**J**					**3.1**	**J**
Thallium (total)	SW6010	4.7		0.24	ug/L	3	U	3	U	3	U	3	U			**4.3**	**J**
Vanadium	SW6010	8.9		3.6	ug/L					3	U					3	U
Vanadium (total)	SW6010	11.1		3.6	ug/L	3	U	3	U	3	U	3	U			3	U
Zinc	SW6010	105	507	1100	ug/L					5	U					5	U
Zinc (total)	SW6010	38.3	507	1100	ug/L	5	U	5	U	6.5	J	5	U			5	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-5 Summary of Metals
Detected in Deep Bedrock Groundwater at Acid Area 1

Analyte	Method	Max Detect	Water Bkg.	PRG*	Location Date Units	AA1-BED-GW004 05/06/2008 Result	VQ	MNTA-BEDGW-001 11/8/2007 Result	VQ	MNTA-BEDGW-001 05/05/2008 Result	VQ
Wet Chemistry											
Alkalinity, Carbonate (as CACO3)	E310.1	944			mg/L			684			
Alkalinity, Total (as CaCO3)	E310.1	900			mg/L						
Alkalinity, Total (as CaCO3)	SM2320	850			mg/L	569				630	
Chloride (as Cl)	E300.0	3340			mg/L	337		2700		2870	
Chloride (as Cl)	E325.2	3000			mg/L						
Cyanide	SW9012	1100		73	ug/L	5	U	8	U	5	U
Hardness (as CACO3)	E200.7	2370			mg/L	362		1660		1640	
Hardness (as CACO3)	E130.2	2000			mg/L						
Nitrogen, Nitrate-Nitrite	E353.2	0.28			mg/L			0.28	J		
Nitrogen, Nitrite	E300.0	2900		100	ug/L	70	J			**260**	
Sulfate (as SO4)	E300.0	206			mg/L	2.1		7.1		0.83	
Sulfate (as SO4)	E375.4	40			mg/L						
Suspended Solids (residue, Non-filterable)	E160.2	330			mg/L			10.8			
Suspended Solids (residue, Non-filterable)	SM2540	36			mg/L					4	J
Total Dissolved Solids	E160.1	7140			mg/L			5980			
Total Dissolved Solids	SM2540	6180			mg/L					5280	
Total Organic Carbon	SW9060	16			mg/L	1.1	J	1.6		2.5	
Turbidity	E180.1	273			NTU	137		1.1	J	273	
Metals											
Aluminum	SW6010	76.6	309	3600	ug/L			75	U		
Aluminum (total)	SW6010	637	309	3600	ug/L	190	J	75	U	75	U
Arsenic	SW6010	19.6	7.4	0.045	ug/L			3	U		
Arsenic (total)	SW6010	21.2	7.4	0.045	ug/L	3	U	3	U	3	U
Barium	SW6010	2810	11800	260	ug/L			296			
Barium (total)	SW6010	2990	11800	260	ug/L	194		327		326	
Calcium	SW6010	364000	316000		ug/L			281000			
Calcium (total)	SW6010	371000	316000		ug/L	69800		300000		300000	
Chromium	SW6010	2			ug/L			2	U		
Chromium (total)	SW6010	15.9			ug/L	2	U	2	U	15.9	

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 5-5 Summary of Metals
Detected in Deep Bedrock Groundwater at Acid Area 1

Analyte	Method	Max Detect	Water Bkg.	PRG*	Location Date Units	AA1-BED-GW004 05/06/2008 Result	VQ	MNTA-BEDGW-001 11/8/2007 Result	VQ	MNTA-BEDGW-001 05/05/2008 Result	VQ
Copper (total)	SW6010	26.2	19.8	150	ug/L	4	U	4	UJ	4	U
Iron	SW6010	606	1550	1100	ug/L			30	U		
Iron (total)	SW6010	2540	1550	1100	ug/L	641		127		480	
Lead	SW6010	2.5			ug/L			1.5	U		
Lead (total)	SW6010	4.4			ug/L	1.5	U	1.5	U	1.5	U
Magnesium	SW6010	349000	217000		ug/L			216000			
Magnesium (total)	SW6010	355000	217000		ug/L	45700		221000		218000	
Manganese	SW6010	1020	636	88	ug/L			114			
Manganese (total)	SW6010	1170	636	88	ug/L	26.4		175		100	
Mercury	SW7470	0.19			ug/L			0.08	U		
Mercury (total)	SW7470	0.18			ug/L	0.08	U	0.08	U	0.08	U
Potassium	SW6010	91900	116000		ug/L			91900			
Potassium (total)	SW6010	95900	116000		ug/L	36000		93600		95900	
Selenium (total)	SW6010	4		18	ug/L	3	U	3	U	3	U
Sodium	SW6010	1230000	1390000		ug/L			1210000			
Sodium (total)	SW6010	1420000	1390000		ug/L	279000		1250000		1200000	
Thallium	SW6010	4.3		0.24	ug/L			3	U		
Thallium (total)	SW6010	4.7		0.24	ug/L	3	U	**4.7**	**J**	3	U
Vanadium	SW6010	8.9		3.6	ug/L			3	U		
Vanadium (total)	SW6010	11.1		3.6	ug/L	3	U	3	U	**4.8**	**J**
Zinc	SW6010	105	507	1100	ug/L			5	U		
Zinc (total)	SW6010	38.3	507	1100	ug/L	21.4		8.8	J	6.7	J

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 6-1 Summa., of Organic Compounds Detected in Surface Water at Acid Area 1

Analyte	Method	Max Detect	PRG*	Location Date Units	AA1-SW01 05/21/2007 Result	VQ	AA1-SW02 05/22/2007 Result	VQ	AA1-SW02 05/22/2007 Result	VQ	AA1-SW02 (field dup) 05/22/2007 Result	VQ	AA1-SW03 05/22/2007 Result	VQ	AA1-SW04 05/21/2007 Result	VQ	AA1-SW05 05/21/2007 Result	VQ	AA1-SW07 05/22/2007 Result	VQ	AA1-SW07 (field dup) 05/22/2007 Result	VQ
Explosives																						
2-Amino-4,6-Dinitrotoluene	SW8330	0.24		ug/L	0.24	J	0.12	U	0.13	U	0.13	U	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U
4-Amino-2,6-Dinitrotoluene	SW8330	0.4		ug/L	0.4		0.08	U	0.084	U	0.084	U	0.076	U	0.074	U	0.08	U	0.08	U	0.072	U
RDX	SW8330	0.5	0.61	ug/L	0.5		0.08	U	0.46		0.46		0.076	U	0.074	U	0.08	U	0.08	U	0.072	U
Tetryl	SW8330	0.24	36	ug/L	0.072	U	0.08	U	0.084	U	0.084	U	0.076	U	0.074	U	0.08	U	0.08	U	0.072	U
Semivolatile Organic Compounds																						
2-Methylphenol (o-Cresol)	SW8270	0.95	180	ug/L	0.78	U	0.8	U	0.8	U	0.8	U	0.81	U		R		R	0.78	U	0.84	U
3-Methylphenol	SW8270	18	180	ug/L	13	J	0.74	U	0.74	U	0.74	U	0.75	U		R		R	0.72	U	0.78	U
4-Methylphenol (p-Cresol)	SW8270	18	18	ug/L	13	J	0.74	U	0.74	U	0.74	U	0.75	U		R		R	0.72	U	0.78	U
Benzoic acid	SW8270	3.7	15000	ug/L	3.7	J	0.38	U	0.38	U	0.38	U	0.39	U		R		R	0.37	U	0.4	U
Benzyl alcohol	SW8270	2.3	1100	ug/L	2.3	J	0.72	U	0.72	U	0.72	U	0.74	U		R		R	0.7	U	0.76	U
Phenol	SW8270	0.65	1100	ug/L	0.43	UJ	0.44	U	0.44	U	0.44	U	0.45	U		R		R	0.43	U	0.46	U
Volatile Organic Compounds																						
1,1,1-Trichloroethane	SW8260	14	320	ug/L	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
1,1-Dichloroethane	SW8260	3.9	81	ug/L	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
2-Butanone (Methyl ethyl ketone)	SW8260	2.5	700	ug/L	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
Acetone	SW8260	22	550	ug/L	9	J	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Carbon tetrachloride	SW8260	0.46	0.17	ug/L	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
Chloroform	SW8260	0.15	0.17	ug/L	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Trichloroethene (TCE)	SW8260	4.9	0.028	ug/L	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
cis-1,2-Dichloroethene	SW8260	0.91	6.1	ug/L	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 6-1 Summa., of Organic Compounds Detected in Surface Water at Acid Area 1

Analyte	Method	Max Detect	PRG*	Location Date Units	AA1-SW08 05/21/2007		AA1-SW09 05/21/2007		AA1-SW10 05/21/2007		AA1-SW11 05/22/2007		AA1-SW12 05/22/2007		AA1-SW14 05/21/2007	
					Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Explosives																
2-Amino-4,6-Dinitrotoluene	SW8330	0.24		ug/L	0.12	U	0.11	U	0.13	U	0.12	U	0.11	U	0.12	U
4-Amino-2,6-Dinitrotoluene	SW8330	0.4		ug/L	0.08	U	0.074	U	0.086	U	0.08	U	0.076	U	0.082	U
RDX	SW8330	0.5	0.61	ug/L	0.08	U	0.074	U	0.086	U	0.081	J	0.076	U	0.082	U
Tetryl	SW8330	0.24	36	ug/L	0.08	U	0.074	U	0.086	U	0.24	J	0.076	U	0.082	U
Semivolatile Organic Compounds																
2-Methylphenol (o-Cresol)	SW8270	0.95	180	ug/L	0.77	U		R	0.95	J	0.77	U	0.78	U	0.77	UJ
3-Methylphenol	SW8270	18	180	ug/L	0.71	U		R	18	J	0.71	U	0.72	U	0.71	UJ
4-Methylphenol (p-Cresol)	SW8270	18	18	ug/L	0.71	U		R	18	J	0.71	U	0.72	U	0.71	UJ
Benzoic acid	SW8270	3.7	15000	ug/L	0.37	U		R		R		R	0.37	U	0.37	UJ
Benzyl alcohol	SW8270	2.3	1100	ug/L	0.69	U		R		R	0.69	U	0.7	U	0.69	UJ
Phenol	SW8270	0.65	1100	ug/L	0.42	U		R	0.65	J	0.42	UJ	0.43	U	0.42	UJ
Volatile Organic Compounds																
1,1,1-Trichloroethane	SW8260	14	320	ug/L	0.15	U	0.15	U	0.15	U	14		4.9		0.15	U
1,1-Dichloroethane	SW8260	3.9	81	ug/L	0.15	U	0.15	U	0.15	U	3.9		2.6		0.15	U
2-Butanone (Methyl ethyl ketone)	SW8260	2.5	700	ug/L	1.2	U	1.2	U	2.5	J	1.2	U	1.2	U	1.2	U
Acetone	SW8260	22	550	ug/L	4.3	J	2.9	J	22		1.1	U	6.9	J	1.1	U
Carbon tetrachloride	SW8260	0.46	0.17	ug/L	0.14	U	0.14	U	0.14	U	0.14	U	**0.46**	**J**	0.14	U
Chloroform	SW8260	0.15	0.17	ug/L	0.1	U	0.1	U	0.1	U	0.1	U	0.15	J	0.1	U
Trichloroethene (TCE)	SW8260	4.9	0.028	ug/L	0.28	U	0.28	U	0.28	U	**4.9**		**1.7**		0.28	U
cis-1,2-Dichloroethene	SW8260	0.91	6.1	ug/L	0.44	U	0.44	U	0.44	U	0.91	J	0.44	U	0.44	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 6-2 Summary of Metals
Detected in Surface Water at Acid Area 1

Analyte	Method	Max Detect	Water Bkg.	PRG*	Location Date Units	AA1-SW01 05/21/2007 Result	VQ	AA1-SW02 05/22/2007 Result	VQ	AA1-SW02 05/22/2007 Result	VQ	AA1-SW02 (field dup) 05/22/2007 Result	VQ	AA1-SW03 05/22/2007 Result	VQ	AA1-SW04 05/21/2007 Result	VQ	AA1-SW05 05/21/2007 Result	VQ	AA1-SW07 05/22/2007 Result	VQ	AA1-SW07 (field dup) 05/22/2007 Result	VQ
Metals																							
Aluminum	SW6010	10200	309	3600	ug/L	608		100	U	100	U	100	U	100	U	100	U	100	U	540		194	J
Arsenic	SW6010	49.3	7.4	7.4	ug/L	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U
Barium	SW6010	194	11800	11800	ug/L	23.5	J	11.5	J	11.6	J	11.6	J	11.8	J	58.8		36.7	J	35.6	J	28.5	J
Calcium	SW6010	271000	316000		ug/L	163000		120000		121000		121000		123000		196000		271000		152000		152000	
Chromium	SW6010	12.7			ug/L	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Cobalt	SW6010	12.8	12.1	73	ug/L	12.8		6.5	J	5.8	J	5.8	J	6.4	J	3	U	3	U	3	U	3	U
Copper	SW6010	21.9	19.8	150	ug/L	4	U	4	U	4	U	4	U	4	U	4	U	4	U	4	U	4	U
Iron	SW6010	50000	1550	1550	ug/L	**4380**		79.6	J	73.8	J	73.8	J	98.6	J	**1270**		602		**1180**	J	463	J
Lead	SW6010	29.9			ug/L	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	2.2	J	1.6	J	6.3	J	1.5	UJ
Magnesium	SW6010	64600	217000		ug/L	39200		28300		28500		28500		28900		34000		64600		29600		29600	
Manganese	SW6010	8840	636	636	ug/L	**554**		70.5		58.6		58.6		72.8		**8840**		**802**		**626**	J	**312**	J
Mercury	SW7470	0.11			ug/L	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U
Nickel	SW6010	51.7	8.6	73	ug/L	16		51.1		51.2		51.2		51.7		3	U	3	U	3.7	J	3	U
Potassium	SW6010	46200	116000		ug/L	46200		2380		2410		2410		2440		1810	J	2190		1620	J	1450	J
Selenium	SW6010	3.8		18	ug/L	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U
Sodium	SW6010	19300	1390000		ug/L	4040		3430		3430		3430		3450		4020		9680		5770		5770	
Thallium	SW6010	4.3		0.24	ug/L	3	U	3	U	**4.3**	J	**4.3**	J	3	U	3	U	3	U	3	U	3	U
Vanadium	SW6010	19		3.6	ug/L	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U
Zinc	SW6010	71.6	507	1100	ug/L	5	U	28.1		29.4		29.4		30.1		5	U	5	U	7	J	5	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 6-2 Summary of Metals
Detected in Surface Water at Acid Area 1

Analyte	Method	Max Detect	Water Bkg.	PRG*	Location Date Units	AA1-SW08 05/21/2007 Result	VQ	AA1-SW09 05/21/2007 Result	VQ	AA1-SW10 05/21/2007 Result	VQ	AA1-SW11 05/22/2007 Result	VQ	AA1-SW12 05/22/2007 Result	VQ	AA1-SW14 05/21/2007 Result	VQ
Metals																	
Aluminum	SW6010	10200	309	3600	ug/L	1130		317		**10200**		706		876		1190	
Arsenic	SW6010	49.3	7.4	7.4	ug/L	3	U	**5.2**	J	**49.3**		3	U	**4**	J	3	U
Barium	SW6010	194	11800	11800	ug/L	54.9		73		194		59.4		119		35.3	J
Calcium	SW6010	271000	316000		ug/L	84500		127000		124000		169000		177000		122000	
Chromium	SW6010	12.7			ug/L	2	U	2	U	12.7		2	U	2	U	2.1	J
Cobalt	SW6010	12.8	12.1	73	ug/L	3	U	3	U	11.2	J	3	U	3	U	3	U
Copper	SW6010	21.9	19.8	150	ug/L	4	U	4	U	21.9	J	4	U	4	U	4	U
Iron	SW6010	50000	1550	1550	ug/L	**5480**		**1170**		**50000**		**1610**		**6810**		**1760**	
Lead	SW6010	29.9			ug/L	2.3	J	1.5	U	29.9		1.5	U	1.5	U	1.5	U
Magnesium	SW6010	64600	217000		ug/L	18100		36600		31400		31000		36800		24900	
Manganese	SW6010	8840	636	636	ug/L	**495**		**804**		**888**		**247**		**2320**		**408**	
Mercury	SW7470	0.11			ug/L	0.08	U	0.08	U	0.11	J	0.08	U	0.08	U	0.08	U
Nickel	SW6010	51.7	8.6	73	ug/L	4.4	J	5.2	J	22.6		3.4	J	3.6	J	3	U
Potassium	SW6010	46200	116000		ug/L	3390		4060		13700		5460		4200		957	J
Selenium	SW6010	3.8		18	ug/L	3	U	3	U	3.8	J	3	U	3	U	3	U
Sodium	SW6010	19300	1390000		ug/L	7100		7690		12000		8900		7970		19300	
Thallium	SW6010	4.3		0.24	ug/L	3	U	3	U	3	U	3	U	**3.7**	J	3	U
Vanadium	SW6010	19		3.6	ug/L	3	U	3	U	**19**		3	U	3	U	3.3	J
Zinc	SW6010	71.6	507	1100	ug/L	20.5		5	U	71.6		8.7	J	10.6	J	5	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound. Bold / shaded values represent PRG exceedances

Table 6-3 Summary of Organics Detected in Sediment at Acid Area 1

Analyte	Method	Max Detect	PRG*	Location Date Units	AA1-SD01 05/23/2007		AA1-SD02 05/23/2007		AA1-SD03 05/23/2007		AA1-SD04 05/24/2007		AA1-SD04 (field dup) 05/24/2007		AA1-SD05 05/23/2007		AA1-SD06 05/23/2007		AA1-SD07 05/24/2007		AA1-SD08 05/24/2007	
					Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Explosives																						
2,4,6-Trinitrotoluene	SW8330	590	16000	ug/Kg	80	U	100	U	95	U	83	U	95	U	91	U	230	J	87	U	83	U
2,4-Dinitrotoluene	SW8330	490	12000	ug/Kg	100	U	130	U	120	U	110	U	120	U	120	U	240	J	110	U	110	U
4-Nitrotoluene	SW8330	320	12000	ug/Kg	80	U	110	J	95	U	83	U	95	U	91	U	80	U	87	U	83	U
RDX	SW8330	920	4400	ug/Kg	80	U	210	J	95	U	83	U	95	U	91	U	80	U	920		83	U
Tetryl	SW8330	100	61000	ug/Kg	100	J	100	U	95	U	83	U	95	U	91	U	80	U	87	U	83	U
Polychlorinated Biphenyls (PCBs)																						
PCB-1254 (Aroclor 1254)	SW8082	750	220	ug/Kg	40		8	J	18		25	J	130	J	25		**690**		150		4.9	U
PCB-1260 (Aroclor 1260)	SW8082	1800	220	ug/Kg	73		23	J	48		64	J	**300**	J	68		**1800**		**290**		8.8	J
Semivolatile Organic Compounds																						
2,4-Dinitrotoluene	SW8270	460	12000	ug/Kg	47	UJ	46	UJ	29	UJ	31	UJ	31	UJ	33	UJ	93	J	32	UJ	36	UJ
2-Methylnaphthalene	SW8270	280		ug/Kg	68	UJ	66	UJ	42	UJ	45	UJ	45	UJ	48	UJ	44	UJ	47	UJ	52	UJ
3-Methylphenol	SW8270	270	310000	ug/Kg	53	UJ	51	UJ	33	UJ	35	UJ	35	UJ	37	UJ	35	UJ	36	UJ	40	UJ
4-Methylphenol (p-Cresol)	SW8270	270	31000	ug/Kg	52	UJ	50	UJ	32	UJ	34	UJ	34	UJ	36	UJ	34	UJ	36	UJ	39	UJ
Anthracene	SW8270	61	2200000	ug/Kg	53	UJ	52	UJ	33	UJ	35	UJ	35	UJ	38	UJ	35	UJ	37	UJ	40	UJ
Benzo(a)anthracene	SW8270	350	620	ug/Kg	230	J	69	UJ	130	J	47	UJ	46	UJ	50	UJ	210	J	170	J	54	UJ
Benzo(a)pyrene	SW8270	310	62	ug/Kg	45	UJ	43	UJ	**130**	J	30	UJ	29	UJ	32	UJ	**190**	J	**180**	J	34	UJ
Benzo(b)fluoranthene	SW8270	500	620	ug/Kg	390	J	60	UJ	100	J	41	UJ	40	UJ	100	J	240	J	260	J	59	J
Benzo(g,h,i)perylene	SW8270	180		ug/Kg	140	UJ	130	UJ	85	UJ	91	UJ	90	UJ	97	UJ	90	UJ	95	UJ	100	UJ
Benzo(k)fluoranthene	SW8270	380	6200	ug/Kg	380	J	74	UJ	140	J	51	UJ	50	UJ	92	J	270	J	180	J	68	J
Chrysene	SW8270	410	62000	ug/Kg	380	J	59	UJ	140	J	40	UJ	40	UJ	62	J	260	J	210	J	46	UJ
Dibenzofuran	SW8270	91	15000	ug/Kg	48	UJ	46	UJ	30	UJ	32	UJ	31	UJ	34	UJ	31	UJ	33	UJ	36	UJ
Fluoranthene	SW8270	640	230000	ug/Kg	500	J	100	UJ	230	J	69	UJ	68	UJ	74	UJ	330	J	300	J	79	UJ
Indeno(1,2,3-cd)pyrene	SW8270	360	620	ug/Kg	90	UJ	87	UJ	56	UJ	60	UJ	59	UJ	64	UJ	240	J	62	UJ	68	UJ
N-Nitroso-di-n-propylamine	SW8270	620	69	ug/Kg	110	UJ	100	UJ	**620**	J	71	UJ	70	UJ	76	UJ	70	UJ	74	UJ	81	UJ
Naphthalene	SW8270	210	5600	ug/Kg	64	UJ	61	UJ	39	UJ	42	UJ	41	UJ	45	UJ	41	UJ	44	UJ	48	UJ
Phenanthrene	SW8270	310		ug/Kg	170	J	43	UJ	90	J	30	UJ	29	UJ	31	UJ	110	J	99	J	34	UJ
Pyrene	SW8270	540	230000	ug/Kg	450	J	75	UJ	220	J	51	UJ	51	UJ	65	J	290	J	300	J	59	UJ
bis(2-Ethylhexyl)phthalate	SW8270	56	35000	ug/Kg	71	UJ	68	UJ	50	J	47	UJ	46	UJ	50	UJ	46	UJ	54	J	54	UJ

Table Summary of Organics
Detected in Sediment at Acid Area 1

Analyte	Method	Max Detect	PRG*	Location Date Units	AA1-SD01 05/23/2007 sult	VQ	AA1-SD02 05/23/2007 sult	VQ	AA1-SD03 05/23/2007 sult	VQ	AA1-SD04 05/24/2007 sult	VQ	AA1-SD04 (field dup) 05/24/2007 Result	VQ	AA1-SD05 05/23/2007 sult	VQ	AA1-SD06 05/23/2007 sult	VQ	AA1-SD07 05/24/2007 sult	VQ	AA1-SD08 05/24/2007 sult	VQ
Volatile Organic Compounds																						
1,1-Dichloroethane	SW8260	2.3	51000	ug/Kg	1.2	U	1.2	U	0.52	U	0.6	U	0.53	U	0.78	U	0.54	U	0.67	U	0.67	U
2-Butanone (Methyl ethyl ketone)	SW8260	53	2200000	ug/Kg	24	J	53	J	2.7	J	1.6	U	1.4	U	2	U	3	J	7	J	1.7	U
Acetone	SW8260	260	1400000	ug/Kg	220		250	J	19	U	21	U	20	U	34	U	26	U	67		53	J
Benzene	SW8260	7.8	640	ug/Kg	1	U	1.1	U	0.46	U	2.7	J	2.5	J	0.68	U	0.47	U	0.58	U	2.2	J
Carbon Disulfide	SW8260	30	36000	ug/Kg	2.8	UJ	30	J	1.3	UJ	3	U	3.2	U	2.6	U	1.3	UJ	2.6	J	4.8	J
Chloroethane	SW8260	16	3000	ug/Kg	7.1	J	2.5	U	1.1	U	16		3.3	J	1.6	U	1.1	U	1.4	U	1.4	U
Cyclohexane	SW8260	29	280000	ug/Kg	1.2	U	1.2	U	0.52	U	5.9		5.4		1.4	J	0.54	U	0.67	U	5.3	J
Ethylbenzene	SW8260	3.5	190000	ug/Kg	1.6	U	1.7	U	0.73	U	0.88	J	0.83	J	1.1	U	0.75	U	0.93	U	0.93	U
Methylcyclohexane	SW8260	37	260000	ug/Kg	0.64	U	0.68	U	0.29	U	9.3		8.5		0.55	J	0.3	U	0.37	U	6.7	
Toluene	SW8260	20	66000	ug/Kg	1.8	U	2	U	0.83	U	4.2	J	3.7	J	1.2	U	0.86	U	1.1	U	3.4	J
Trichloroethene (TCE)	SW8260	4	53	ug/Kg	1.8	U	1.9	U	0.82	U	0.95	U	0.84	U	1.2	U	0.84	U	1	U	1	U
Xylenes, Total	SW8260	12	27000	ug/Kg	1.5	U	1.6	U	0.68	U	1.7	J	0.69	U	1	U	0.7	U	0.87	U	0.87	U
cis-1,2-Dichloroethene	SW8260	2.8	4300	ug/Kg	2.6	U	2.7	U	1.2	U	1.3	U	1.2	U	1.7	U	1.2	U	1.5	U	1.5	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

Table 6-3 Summary of Organics Detected in Sediment at Acid Area 1

Analyte	Method	Max Detect	PRG*	Location Date Units	AA1-SD09 05/24/2007		AA1-SD09 (field dup) 05/24/2007		AA1-SD10 05/24/2007		AA1-SD11 05/24/2007		AA1-SD12 05/24/2007		AA1-SD13 05/25/2007		AA1-SD14 05/25/2007		AA1-SD15 05/25/2007	
					Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Explosives																				
2,4,6-Trinitrotoluene	SW8330	590	16000	ug/Kg	100	U	80	U	590		91	U	87	U	87	U	91	U	83	U
2,4-Dinitrotoluene	SW8330	490	12000	ug/Kg	130	U	100	U	490		120	U	110	U	110	U	120	U	110	U
4-Nitrotoluene	SW8330	320	12000	ug/Kg	100	U	80	U	80	U	91	U	87	U	320	J	91	U	83	U
RDX	SW8330	920	4400	ug/Kg	100	U	80	U	100	J	91	U	87	U	87	U	91	U	83	U
Tetryl	SW8330	100	61000	ug/Kg	100	U	80	U	80	U	91	U	87	U	87	U	91	U	83	U
Polychlorinated Biphenyls (PCBs)																				
PCB-1254 (Aroclor 1254)	SW8082	750	220	ug/Kg	21		19		79		**560**		**360**		**750**		5.7	J	4.6	J
PCB-1260 (Aroclor 1260)	SW8082	1800	220	ug/Kg	30		38		120		**620**		5.9	U	**710**		6.5	J	36	
Semivolatile Organic Compounds																				
2,4-Dinitrotoluene	SW8270	460	12000	ug/Kg	29	UJ	30	UJ	460	J	32	UJ	44	UJ	31	U	30	U	32	U
2-Methylnaphthalene	SW8270	280		ug/Kg	42	UJ	44	UJ	48	UJ	47	UJ	280	J	45	U	43	U	46	U
3-Methylphenol	SW8270	270	310000	ug/Kg	33	UJ	34	UJ	270	J	37	UJ	49	UJ	35	U	34	U	36	U
4-Methylphenol (p-Cresol)	SW8270	270	31000	ug/Kg	32	UJ	34	UJ	270	J	36	UJ	48	UJ	34	U	33	U	35	U
Anthracene	SW8270	61	2200000	ug/Kg	33	UJ	34	UJ	37	UJ	37	UJ	61	J	41	J	34	U	36	U
Benzo(a)anthracene	SW8270	350	620	ug/Kg	110	J	97	J	290	J	49	UJ	150	J	350	J	45	U	48	U
Benzo(a)pyrene	SW8270	310	62	ug/Kg	28	UJ	**91**	**J**	**310**	**J**	31	UJ	42	UJ	**110**	**J**	28	U	30	U
Benzo(b)fluoranthene	SW8270	500	620	ug/Kg	110	J	68	J	400	J	67	J	120	J	500		39	U	64	J
Benzo(g,h,i)perylene	SW8270	180		ug/Kg	85	UJ	89	UJ	96	UJ	96	UJ	130	UJ	180	J	88	U	94	U
Benzo(k)fluoranthene	SW8270	380	6200	ug/Kg	90	J	93	J	360	J	53	UJ	140	J	330	J	49	U	52	U
Chrysene	SW8270	410	62000	ug/Kg	120	J	100	J	400	J	42	UJ	180	J	410	J	38	U	50	J
Dibenzofuran	SW8270	91	15000	ug/Kg	30	UJ	31	UJ	33	UJ	33	UJ	91	J	31	U	30	U	32	U
Fluoranthene	SW8270	640	230000	ug/Kg	200	J	190	J	540	J	100	J	280	J	640		66	U	71	U
Indeno(1,2,3-cd)pyrene	SW8270	360	620	ug/Kg	56	UJ	58	UJ	360	J	62	UJ	84	UJ	340	J	57	U	61	U
N-Nitroso-di-n-propylamine	SW8270	620	69	ug/Kg	66	UJ	70	UJ	75	UJ	74	UJ	99	UJ	70	U	68	U	73	U
Naphthalene	SW8270	210	5600	ug/Kg	39	UJ	41	UJ	44	UJ	44	UJ	210	J	42	U	40	U	43	U
Phenanthrene	SW8270	310		ug/Kg	92	J	100	J	200	J	46	J	310	J	210	J	28	U	30	U
Pyrene	SW8270	540	230000	ug/Kg	200	J	160	J	540	J	130	J	260	J	500		49	U	53	U
bis(2-Ethylhexyl)phthalate	SW8270	56	35000	ug/Kg	44	UJ	56	J	49	UJ	49	UJ	65	UJ	46	U	45	U	48	U

Table Summary of Organics
Detected in Sediment at Acid Area 1

Analyte	Method	Max Detect	PRG*	Location Date Units	AA1-SD09 05/24/2007 sult	VQ	AA1-SD09 (field dup) 05/24/2007 Result	VQ	AA1-SD10 05/24/2007 sult	VQ	AA1-SD11 05/24/2007 sult	VQ	AA1-SD12 05/24/2007 sult	VQ	AA1-SD13 05/25/2007 sult	VQ	AA1-SD14 05/25/2007 sult	VQ	AA1-SD15 05/25/2007 sult	VQ
Volatile Organic Compounds																				
1,1-Dichloroethane	SW8260	2.3	51000	ug/Kg	0.54	U	0.53	U	0.76	U	0.64	U	2.3	J	0.59	U	0.6	UJ	0.54	U
2-Butanone (Methyl ethyl ketone)	SW8260	53	2200000	ug/Kg	1.4	U	1.4	U	8.2	J	1.7	U	3.9	U	1.5	U	1.6	U	5.2	J
Acetone	SW8260	260	1400000	ug/Kg	19	J	2	U	70	J	35	J	260		64	U	22	U	26	U
Benzene	SW8260	7.8	640	ug/Kg	1.1	J	3.3	J	0.66	U	0.76	J	7.8	J	1.8	J	0.52	UJ	0.47	U
Carbon Disulfide	SW8260	30	36000	ug/Kg	1.3	UJ	5.7	J	5.1	J	11	J	17	J	1.4	U	1.4	UJ	1.3	UJ
Chloroethane	SW8260	16	3000	ug/Kg	1.1	U	1.1	U	1.6	U	1.3	U	3	U	1.2	U	2.6	J	2	J
Cyclohexane	SW8260	29	280000	ug/Kg	2.2	J	7.8		0.76	U	3.4	J	29		3.8	J	0.6	UJ	0.54	U
Ethylbenzene	SW8260	3.5	190000	ug/Kg	0.76	J	0.91	J	1	U	0.89	U	3.5	J	0.82	U	0.83	U	0.76	U
Methylcyclohexane	SW8260	37	260000	ug/Kg	3.3	J	11		0.42	U	5	J	37		5.3	J	0.33	UJ	0.3	U
Toluene	SW8260	20	66000	ug/Kg	2.6	J	5		1.2	U	1.3	U	20		2.9	J	0.96	UJ	0.87	U
Trichloroethene (TCE)	SW8260	4	53	ug/Kg	0.86	U	2	J	1.2	U	1	U	4	J	0.93	U	0.94	UJ	0.86	U
Xylenes, Total	SW8260	12	27000	ug/Kg	0.71	U	1.8	J	0.99	U	0.83	U	12	J	0.76	U	0.78	UJ	0.71	U
cis-1,2-Dichloroethene	SW8260	2.8	4300	ug/Kg	1.2	U	1.2	U	1.7	U	2.8	J	3.3	U	1.3	U	1.3	U	1.2	U

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

Table 6-4 Summary of Inorganics Detected in Sediment at Acid Area 1

Analyte	Method	Max Detect	Soil Bkg.	PRG*	Location Date Units	AA1-SD01 05/23/2007		AA1-SD02 05/23/2007		AA1-SD03 05/23/2007		AA1-SD04 05/24/2007		AA1-SD04 (field dup) 05/24/2007		AA1-SD05 05/23/2007		AA1-SD06 05/23/2007		AA1-SD07 05/24/2007		AA1-SD08 05/24/2007		AA1-SD09 05/24/2007	
						Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Metals																									
Aluminum	SW6010	47600	15500	7600	mg/Kg	**47600**		**19000**		**16400**		9860		13200		10200		7930		8280		**24500**		9720	
Arsenic	SW6010	20.8	36.5	0.39	mg/Kg	20.8		1.7	J	9.2		5.2		5.3		6.7		4.2		5		8.5		7	
Barium	SW6010	105	826	540	mg/Kg	47.5	J	4.4	J	84	J	57.3	J	63.5	J	90	J	68.9	J	48	J	105	J	54.2	J
Beryllium	SW6010	13.8	1	15	mg/Kg	13.8		3		1.8		0.53	J	0.66	J	0.5	J	0.45	J	0.5	J	1.3	J	0.59	J
Cadmium	SW6010	3.7		3.7	mg/Kg	3.7	J	2.2		1.1	J	0.43	J	0.55	J	0.28	U	0.26	U	0.27	U	0.53	J	0.5	J
Calcium	SW6010	114000	52300		mg/Kg	4900		3880		3370		46500		50900		5020		3350		3140		5100		35300	
Chromium	SW6010	34.4	29		mg/Kg	16.8	J	2	J	16.7	J	15.3	J	19.6	J	16.1	J	11.3	J	12.6	J	34.4	J	15.9	J
Cobalt	SW6010	77.3	116	90	mg/Kg	77.3		22.8		26.5		8.2	J	9.2	J	5.5	J	2.8	J	5.6	J	13.7	J	9	J
Copper	SW6010	51.7	56.2	310	mg/Kg	51.7	J	35	J	20	J	18	J	21.8	J	14.5	J	12.5	J	12.2	J	27.7	J	17.9	J
Iron	SW6010	54600	234000	2300	mg/Kg	54600		1470		22300		17200		20500		18200		9510		13300		31800		18000	
Lead	SW6010	77.3	48.6	40	mg/Kg	33.8		5.6		13.8		23.6		17.2		27.4		**77.3**		27.8		29.1		14.3	
Magnesium	SW6010	17700	10400		mg/Kg	2100		482	J	2800		13100		17700		2610		1220	J	1660		5320		8610	
Manganese	SW6010	781	3506.2	180	mg/Kg	257	J	18.9	J	409	J	508	J	721	J	109	J	77.1	J	159	J	210	J	781	J
Nickel	SW6010	243	55.1	160	mg/Kg	**243**		84.4		70		21.7		26.6		14.4		9.2	J	16.3		45.9		22.4	
Potassium	SW6010	4360	3390		mg/Kg	1780	J	383	U	1460	J	2050		2920		1560	J	1090	J	1270	J	4360		1940	
Selenium	SW6010	1.5	2	39	mg/Kg	2.3	U	1.5	J	0.73	U	0.78	U	0.78	U	0.83	U	0.77	U	0.81	U	0.94	J	0.74	U
Vanadium	SW6010	48.6	40.9	7.8	mg/Kg	25.6	J	2	J	28.7		25.7	J	31.1		25.1		18		21		**48.6**		27.7	
Zinc	SW6010	286	321.8	2300	mg/Kg	286	J	122	J	99.7		50.3		58.7	J	43.2		48	J	60.3	J	234	J	53	J
Mercury	SW7471	2.2	0.1	2.3	mg/Kg	0.079		0.037	J	0.042		0.043	J	0.043	J	0.049		0.053		0.032	J	0.03	J	0.021	J

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound

Table 6-4 Summary of Inorganics
Detected in Sediment at Acid Area 1

Analyte	Method	Max Detect	Soil Bkg.	PRG*	Location Date Units	AA1-SD09 (field dup) 05/24/2007		AA1-SD10 05/24/2007		AA1-SD11 05/24/2007		AA1-SD12 05/24/2007		AA1-SD13 05/25/2007		AA1-SD14 05/25/2007		AA1-SD15 05/25/2007	
						Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ	Result	VQ
Metals																			
Aluminum	SW6010	47600	15500	7600	mg/Kg	9030		8700		**16300**		12300		5610		10800		12600	
Arsenic	SW6010	20.8	36.5	0.39	mg/Kg	6.3		7.2		7.9		5.3		5		6.9		11.7	
Barium	SW6010	105	826	540	mg/Kg	48.6	J	80.9		103	J	68.7	J	23.7	J	69.3	J	68.9	J
Beryllium	SW6010	13.8	1	15	mg/Kg	0.54	J	0.67	J	0.86	J	0.67	J	0.36	J	0.63	J	1.2	J
Cadmium	SW6010	3.7		3.7	mg/Kg	0.33	J	0.28	U	0.33	J	0.55	J	0.46	J	0.36	J	0.78	J
Calcium	SW6010	114000	52300		mg/Kg	36300		3160		30200		23700		114000		3820		5770	
Chromium	SW6010	34.4	29		mg/Kg	14.8	J	11.9		23.7	J	18.4	J	10.7	J	18.5	J	19.8	J
Cobalt	SW6010	77.3	116	90	mg/Kg	9.2	J	4.9	J	11.7	J	10.2	J	3.7	J	6.7	J	10.7	J
Copper	SW6010	51.7	56.2	310	mg/Kg	16.6	J	18.8		32.2	J	21	J	9.8	J	11.4	J	18	J
Iron	SW6010	54600	234000	2300	mg/Kg	17100		11000		26100		17800		12600		20000		25300	
Lead	SW6010	77.3	48.6	40	mg/Kg	12.5		35.2		**70**		14.7		16.4		8.3		22.5	
Magnesium	SW6010	17700	10400		mg/Kg	8130		1180	J	8940		8650		16200		2110		1780	
Manganese	SW6010	781	3506.2	180	mg/Kg	662	J	77.2	J	563	J	638	J	267	J	362	J	106	J
Nickel	SW6010	243	55.1	160	mg/Kg	21.7		13.2		31.5		25.4		10.3	J	14.8		26.3	
Potassium	SW6010	4360	3390		mg/Kg	1850		1600		3150		2720		1270	J	1130	J	1340	J
Selenium	SW6010	1.5	2	39	mg/Kg	0.77	U	0.83	U	0.83	U	1.1	U	0.77	U	0.75	U	0.81	U
Vanadium	SW6010	48.6	40.9	7.8	mg/Kg	25.3		18.8		35.8		27		21.3		34.8		40.5	
Zinc	SW6010	286	321.8	2300	mg/Kg	50.1	J	28.5		83.6	J	87.3	J	40.2	J	46.1	J	124	J
Mercury	SW7471	2.2	0.1	2.3	mg/Kg	0.02	J	0.18		0.13		0.046	J	2.2		0.024	J	0.068	

* PRGs were obtained from the U.S. EPA Region 9 Web-Site. PRGs based on non-cancer effects (designated in the Region 9 tables with an "nc") were divided by 10 to account for potential cumulative impacts. PRGs designated in the Region 9 tables with a "sat", or "max" code indicating a soil saturation limit or maximum possible concentration were not modified, rather the PRG based on the underlying non-cancer effect was modified.

J - Estimated Value, U - Non-detection, R - Rejected, B - Found in blank, N - Presumptive evidence of a compound

Appendix A

NASA Drilling and Excavation Permit.

Digging and Excavation Permit

Part I - To be completed by the Requestor

Requestor (Please print clearly): Al Hardesty		Request Date: 4/16/07
Requestor's Organization: Jacobs Engineering	Requestor's Mail Stop:	Requestor's Phone Number: 865-621-9517
Work Order or Contract Number: N/A	Site Location: Acid Area 1	

Description of Work (Include start and stop dates, reference drawings, etc. Attach a plot plan of the work area.)

soil borings w/ DPT rig.
monitoring well installation

Description of All Safety and Environmental Control Measures:

Approved H+S plan
signed safe plan of action forms
Daily tailgate H+S meetings + signed forms

Digging and Excavation Permit

Additional Comments:

Part II - To be completed by the Requestor's Supervisor or Sub-Contract Monitor

	Yes	No	
TMY	✓		Have known underground utilities and structures been identified and physically located and marked?
TMY	✓		Have all conflicts between the proposed digging and excavation activity and the underground utilities and structures been resolved?
	N/A		Have protective systems been identified and implemented to protect personnel from cave-ins or collapsing soil?
	N/A		Has a C-133, Soil Determination Checklist been completed in accordance with Chapter 34 of the GRC Environmental Programs Manual?
	N/A		Has OUPS Notification been made (if required)?

Competent Person	Organization:	Phone Number:
Al Hardesty	Jacobs	865-621-9517
Requestor's Supervisor or Sub-Contract Monitor:	Phone Number:	Date:

Part III - To be completed by GSO and EMO

Yes	No	
✓		Have all known and potential safety hazards been identified?
✓		Have known underground utilities and structures been identified and physically located and marked?
✓		Have all conflicts between the proposed digging and excavation activity and the underground utilities and structures been resolved?
✓		Have adequate safety control measure been identified and implemented?
✓		Have all known and potential environmental concerns been identified and adequately controlled (Eg, stormwater control)?
	✓	Has a C-133, Soil Determination Checklist been completed in accordance with Chapter 34 of the GRC Environmental Programs Manual? Soil Determination

Glenn Safety Office:	Approval Date:
[signature]	4-17-07
Environmental Management Office:	Approval Date:
[signature]	4/17/07
Plum Brook Reactor Facility Manager (if required):	Approval Date:

Appendix B
Soil Boring Logs

HTRW DRILLING LOG

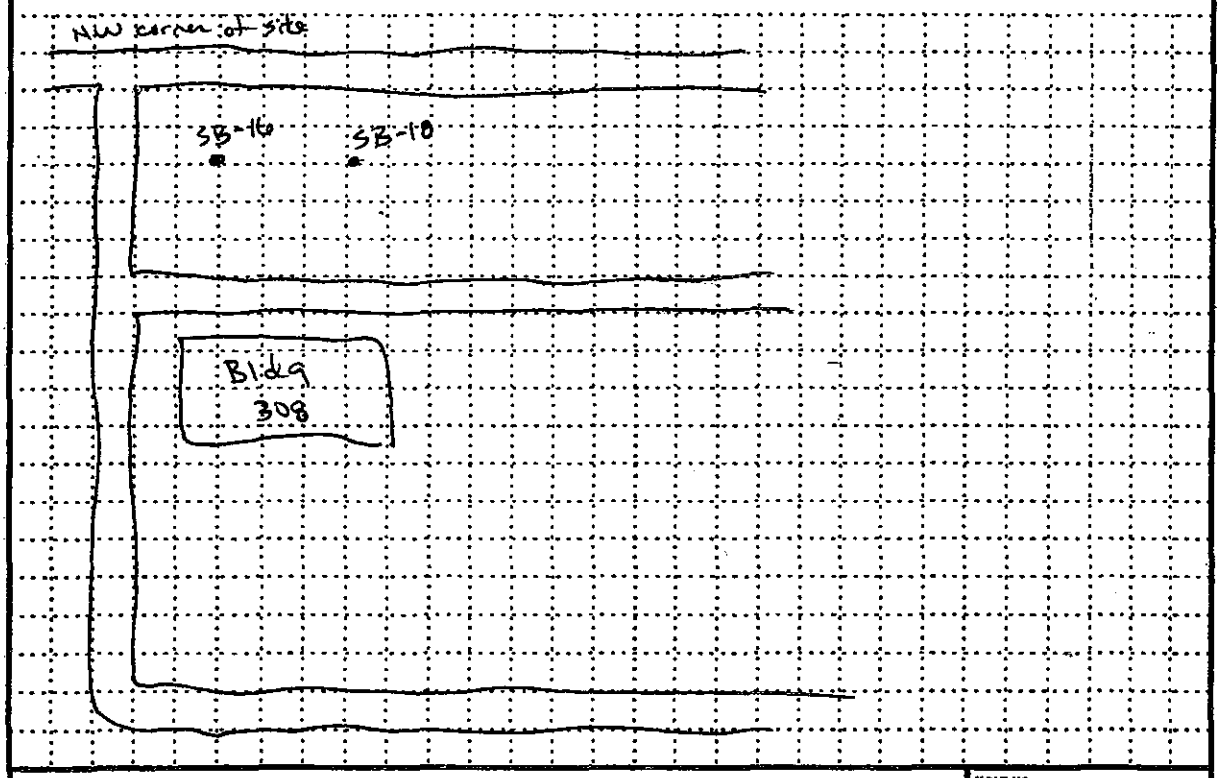
DISTRICT	USACE - Nashville
HOLE NUMBER	SB-16
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET / OF SHEETS	1 OF 2
3. PROJECT	Acid Area 1 RI
4. LOCATION	AA1 - SB16
5. NAME OF DRILLER	Jeremy LaKrone
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2 1/4" OD rods 1 1/4" soil core
8. HOLE LOCATION	AA1 - SB16
9. SURFACE ELEVATION	N/A
10. DATE STARTED	4-18-07
11. DATE COMPLETED	4-18-07
12. OVERBURDEN THICKNESS	N/A
15. DEPTH GROUNDWATER ENCOUNTERED	
13. DEPTH DRILLED INTO ROCK	N/A
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE	5'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
None			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOCs, exp	PCBs		

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE NO.
35BH9308	SB-16

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-16

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 2 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (3)	FIELD SCREENING RESULTS (4)	GEOTECH SAMPLE OR CORE BOX NO. (5)	ANALYTICAL SAMPLE NO. (6)	BLOW COUNT (7)	REMARKS (8)
		0"-9", OL, organic clay, dark brown (10YR 4/1) firm, low plasticity, moist to dry					
1		9"-12", concrete					
		12"-18", ml, silt, light yellow brown (10YR 5/4) firm, low plasticity, moist, some concrete aggregate					
2		18"-24" - concrete aggregate.					
3		24"-36" - no recovery				—	
		3'-5', ML/CL, silty clay, clayey silt medium brown (10YR 4/3), soft to firm, medium to low plasticity, moist to wet					
4							
5							
		TD - 5'					

PROJECT: 35BH9308

HOLE NO. SB-16

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

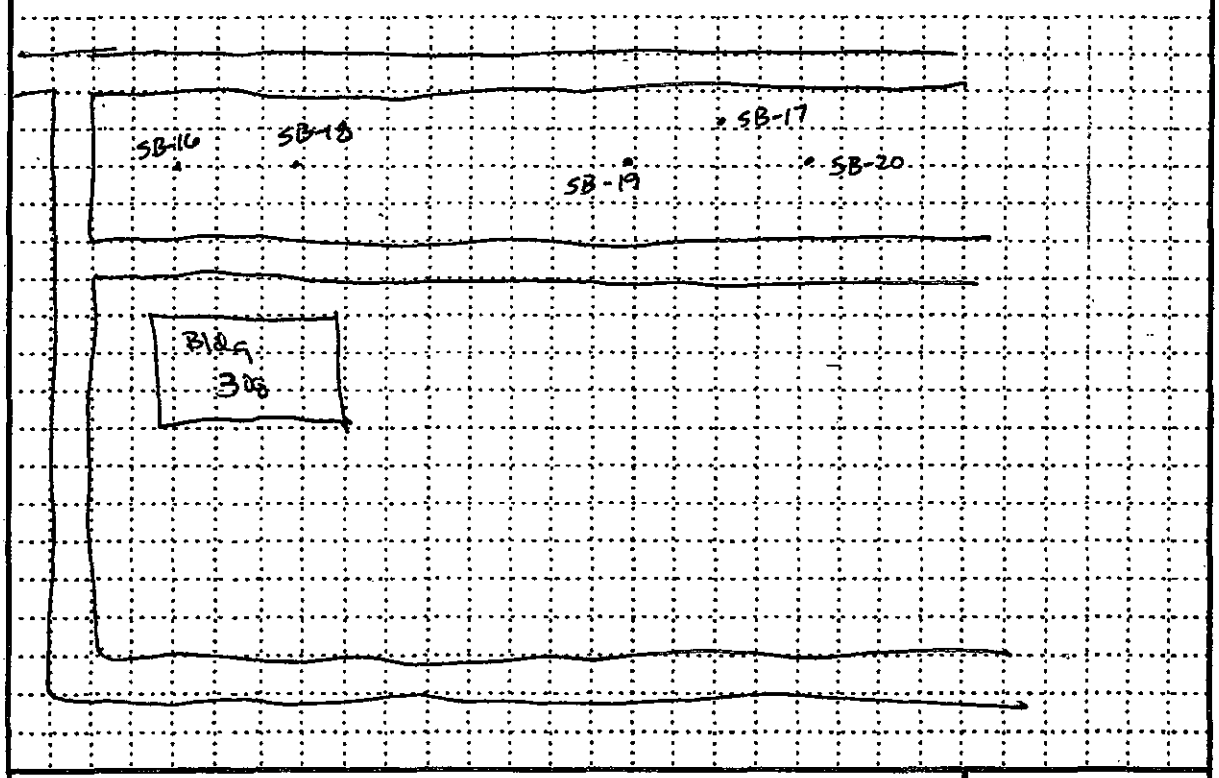
DISTRICT	USACE-Nashville
HOLE NUMBER	SB-17
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Fronte Drilling
SHEET	1 OF 2 SHEETS
3. PROJECT	Acid Area 1 RI
4. LOCATION	AAI - SB17
5. NAME OF DRILLER	Jeremy Lakrone
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2"/4" OD rods 1"/4" soil core
8. HOLE LOCATION	AAI - SB17
9. SURFACE ELEVATION	N/A
10. DATE STARTED	4-19-07
11. DATE COMPLETED	4-19-07
12. OVERBURDEN THICKNESS	N/A
15. DEPTH GROUNDWATER ENCOUNTERED	
13. DEPTH DRILLED INTO ROCK	N/A
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE	5'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOCs/EKP	PCBs		

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE NO.
35BH9308	SB-17

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-17

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 2 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GROUTED SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		0"-6", OL, organic clay, dark brown (10YR 3/1), soft, low plasticity, moist					
1		6"-12", ML, silt, w/ clay, medium brown (10YR 4/2), soft, no plasticity, moist					
2		1'-3' - no recovery					
3		3'-3.75' - ML, silt with sm fine sand, red brown (10YR 4/4), loose, moist.					
4		3.75'-4.5' - ML, silt with fine sand, or sm sand w/ silt, gray (10YR, 5/2), loose wet.					
5		4.5-5.0 - CL, clay, black organic (10YR 2/1? darker than color chart) firm, med plasticity moist.					
		TD-5'					
6							
7							
8							

PROJECT: 35 B49308

HOLE NO. SB-17

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

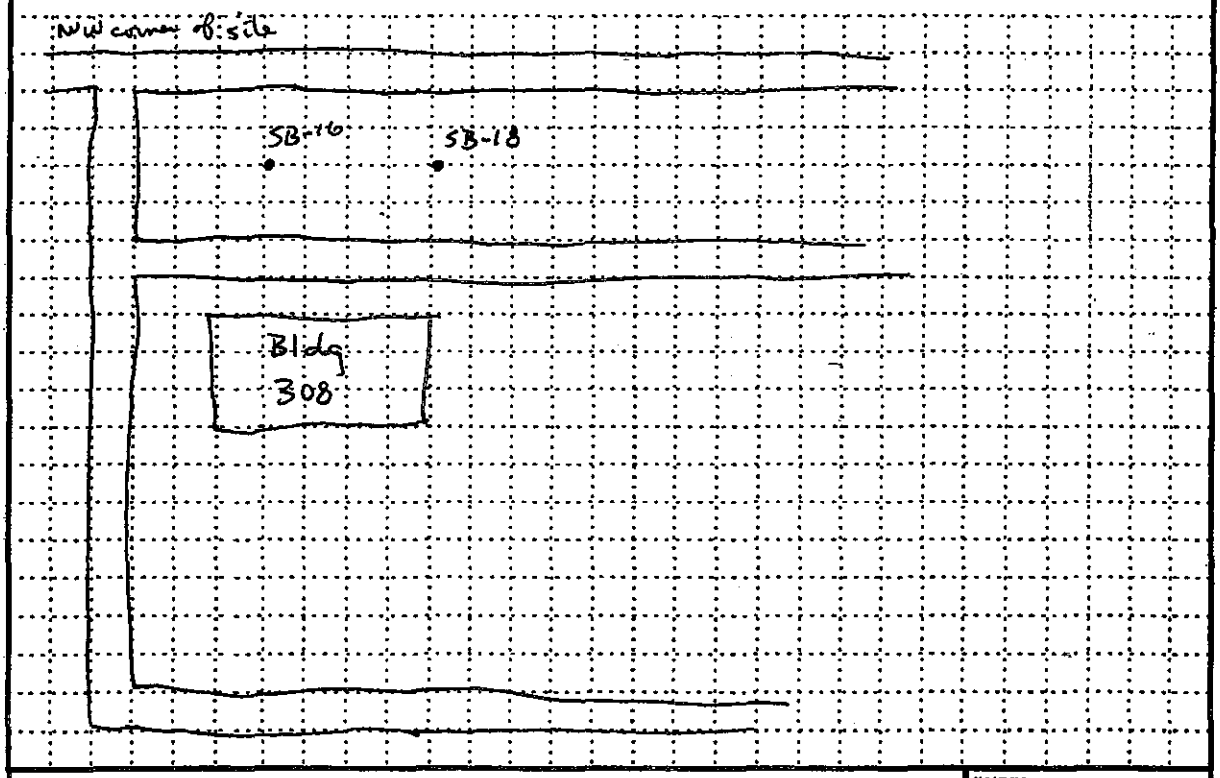
DISTRICT	USACE - Nashville
HOLE NUMBER	SB-18
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET / OF SHEETS	1 of 2
3. PROJECT	~~35~~ Acid Area &1 RI
4. LOCATION	AA1 - SB18
5. NAME OF DRILLER	Jeremy Lakrone
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2¼" OD rods 1¼" soil core
8. HOLE LOCATION	SB-18
9. SURFACE ELEVATION	N/A
10. DATE STARTED	4-18-07
11. DATE COMPLETED	4-18-07
12. OVERBURDEN THICKNESS	N/A
15. DEPTH GROUNDWATER ENCOUNTERED	N/A
13. DEPTH DRILLED INTO ROCK	N/A
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	N/A
14. TOTAL DEPTH OF HOLE	5'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	N/A

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
None			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOCs, EHP	PCBs		

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE NO.
35BH9308	SB-18

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-18

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 2 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	MOISTURE SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		0"-3", OL, organic clay, silty, dark brown (10YR 4/1), soft, low plasticity, moist. some gravel at 3"					
1		3"-18", mL, silty w clay, medium brown (10YR 3/4), soft to firm, low plasticity, moist to wet.			Sample		
2		18"-4.5', SM, fine grained sand and silt, light brown (10YR 4/6) loose, moist, no plasticity gravel with coarse sand lense at 19"-21" (backfill)					
3							
4					sample		
		4'-5', cl, clay, medium brown (10Y 4/6) hard to firm, med plasticity, moist.					
5		TD - 5'					

PROJECT: 35BH9308

HOLE NO. SB-18

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

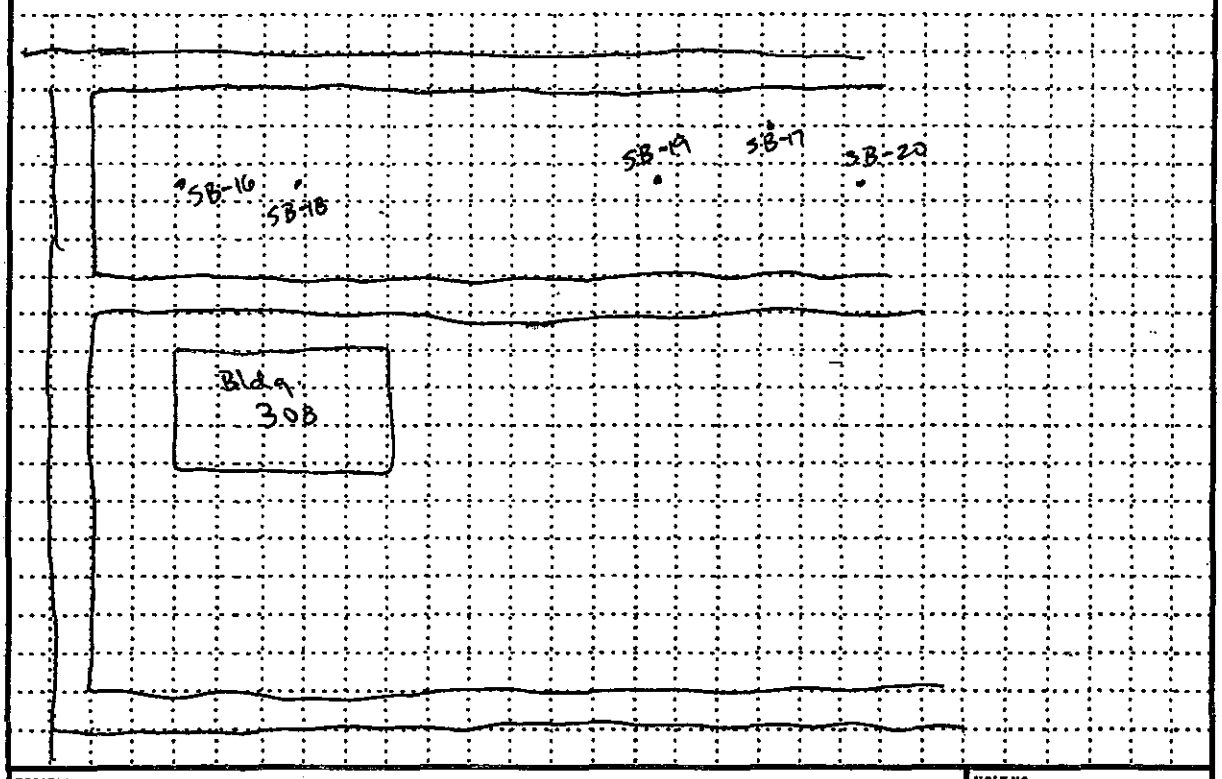
HTRW DRILLING LOG	DISTRICT USACE - Nashville	HOLE NUMBER SB-19
1. COMPANY NAME Jacobs Engineering	2. DRILLING SUBCONTRACTOR Frontz Drilling	SHEET 1 OF 2 SHEETS
3. PROJECT Acid Area 1 RI	4. LOCATION AA1 - SB19	
5. NAME OF DRILLER Jeremy LaKrone	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 1/4" OD rods 1 1/4" soil core	8. HOLE LOCATION AA1 - SB19	
	9. SURFACE ELEVATION N/A	
	10. DATE STARTED 4-18-07	11. DATE COMPLETED 4-18-07
12. OVERBURDEN THICKNESS N/A	15. DEPTH GROUNDWATER ENCOUNTERED N/A	
13. DEPTH DRILLED INTO ROCK N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A	
14. TOTAL DEPTH OF HOLE 5'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOCs/Ecp	PCBs		

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Bentonite chips	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT 35 BH9308	HOLE NO. SB-19

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-19

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 2 SHEETS

ELEV. (+)	DEPTH (ft)	DESCRIPTION OF MATERIALS (+)	FIELD SCREENING RESULTS (+)	MOISTURE SAMPLE OR CORE BOX NO. (+)	ANALYTICAL SAMPLE NO. (+)	BLOW COUNT (+)	REMARKS (+)
		0"-9", OL, organic clay, dark brown (10YR 3/1), soft, med plasticity, moist					
1		9"-20", CL, silty clay medium brown (10YR 4/3) soft, medium plasticity, moist to wet.					
2		20"-24" concrete aggregate					
3		2'-5', ML, silt with clay, medium brown (10YR 4/4), soft, low to medium plasticity, wet to saturated.					
4							
5		TD-5'					

PROJECT: 35 BH9308

HOLE NO.: SB-19

ENG FORM 5056A-R, AUG 84 (Proponent: CECW-EG)

Figure 5-1 (continued)

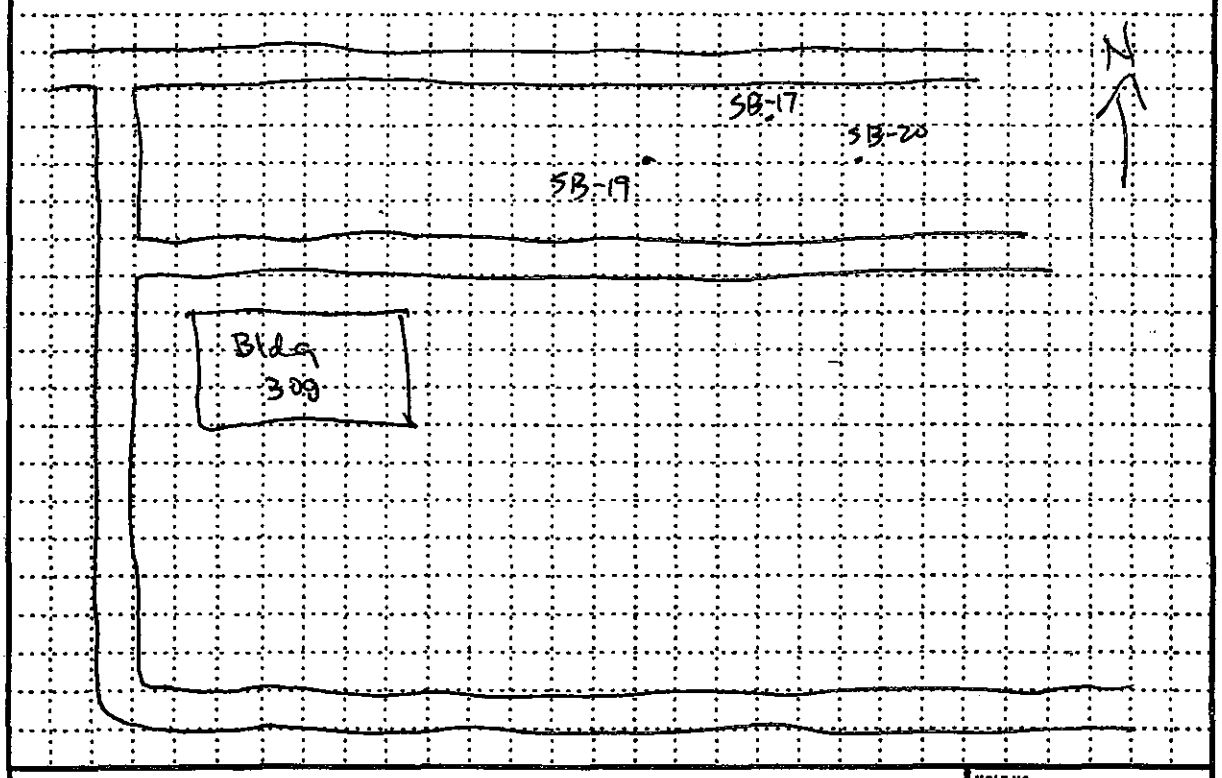
HTRW DRILLING LOG	DISTRICT USACE - Nashville	HOLE NUMBER SB-20
1. COMPANY NAME Jacobs Engineering	2. DRILLING SUBCONTRACTOR Frontz Drilling	SHEET 1 OF 2 SHEETS
3. PROJECT 35BH9308 / Acid Areal RI	4. LOCATION AAI - SB-20	
5. NAME OF DRILLER Jeremy Laknone	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 1/4" OD rods 1 1/4" soil core	8. HOLE LOCATION AAI - SB-20	
	9. SURFACE ELEVATION N/A	
	10. DATE STARTED 4-19-07	11. DATE COMPLETED 4-19-07
12. OVERBURDEN THICKNESS N/A	15. DEPTH GROUNDWATER ENCOUNTERED N/A	
13. DEPTH DRILLED INTO ROCK N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A	
14. TOTAL DEPTH OF HOLE 5'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOCs / Exp	PCBs		

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT 35BH9308	HOLE NO. SB-20

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER SB-20

PROJECT Acid Area 1 RI

INSPECTOR

SHEET 2 OF 2 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH. SAMPLE OR CORE RUN NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		0"-6", OL, organic clay, dark brown (10YR 3/2), soft, low plastic, moist.					
1		6"-12" no recovery					
2		12"-2.5', CL/ML, clay w/silt silt w/ clay, red brown (10YR 4/2) soft upper 3", firm, low to med plasticity, moist					
3		2.5-3.5', ML, silt w/ clay, medium brown (10YR 5/4), firm, no plasticity, moist.					
4		3.5'-5.0', ML, silt, with some fine sand, dark brown (10YR 3/3), firm, no plasticity, moist to wet.					
5		TD - 5.0'					

PROJECT 35 BH9308

HOLE NO. SB-20

ENG FORM 5056A-R, AUG 94 (Proponent: CEOH-EG)

Figure 5-1 (continued)

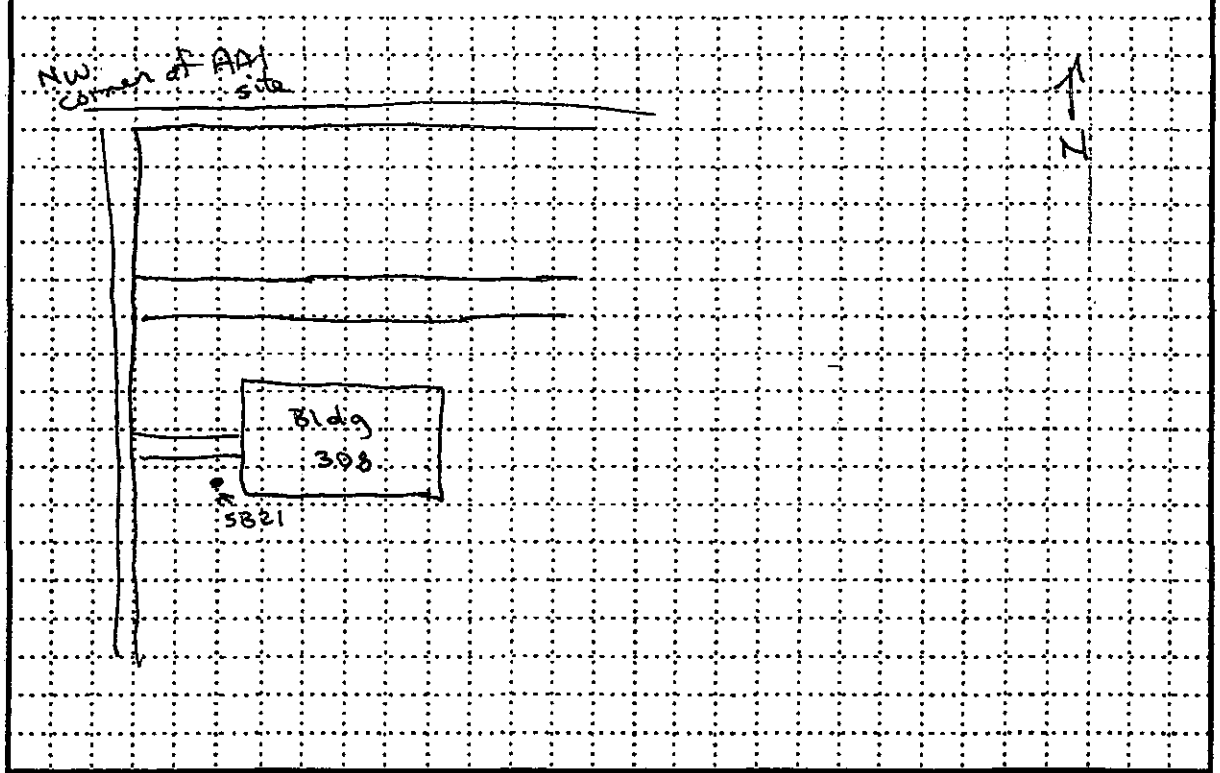
HTRW DRILLING LOG	DISTRICT USACE - Nashville	HOLE NUMBER SB21
1. COMPANY NAME Jacobs Engineering	2. DRILLING SUBCONTRACTOR Frontz Drilling	SHEET 1 OF 2 SHEETS
3. PROJECT Acid Area1 RI	4. LOCATION AA1 - SB21	
5. NAME OF DRILLER Jeremy LaKrone	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 1/4" OD rods 1 1/4" ID soil core.	8. HOLE LOCATION SB21	
	9. SURFACE ELEVATION	
	10. DATE STARTED 4-18-07	11. DATE COMPLETED 4-18-07
12. OVERBURDEN THICKNESS N/A	15. DEPTH GROUNDWATER ENCOUNTERED N/A	
13. DEPTH DRILLED INTO ROCK N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A	
14. TOTAL DEPTH OF HOLE 5'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
N/A			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
	✓	✓	SVOC, EXP	PCBS		100 %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	✓ Bentonite chips			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT 35BH9308	HOLE NO. SB21

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER SB21

PROJECT 35BH9308

INSPECTOR

SHEET 2 OF 2 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE RUN NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
1		0"-12" backfill, gravelly clay, sandy dark brown 5YR 3/1, soft to firm, dry, low plasticity.					
2		1'-2.25', ML, silt, clayey, yellow/brown 7.5YR 4/3 firm, low plasticity, moist.					
3		2.25'-4', OL, dark brown 7.5 YR 2.5/1, clay, silty top 4", moist, wet bottom 1/2, med to low plasticity.					
4		4'-5', ML, silt, clayey medium brown 10YR 5/4 firm, moist to wet, low to med plasticity.					
5		TD					

PROJECT 35BH9308 HOLE NO. SB21

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

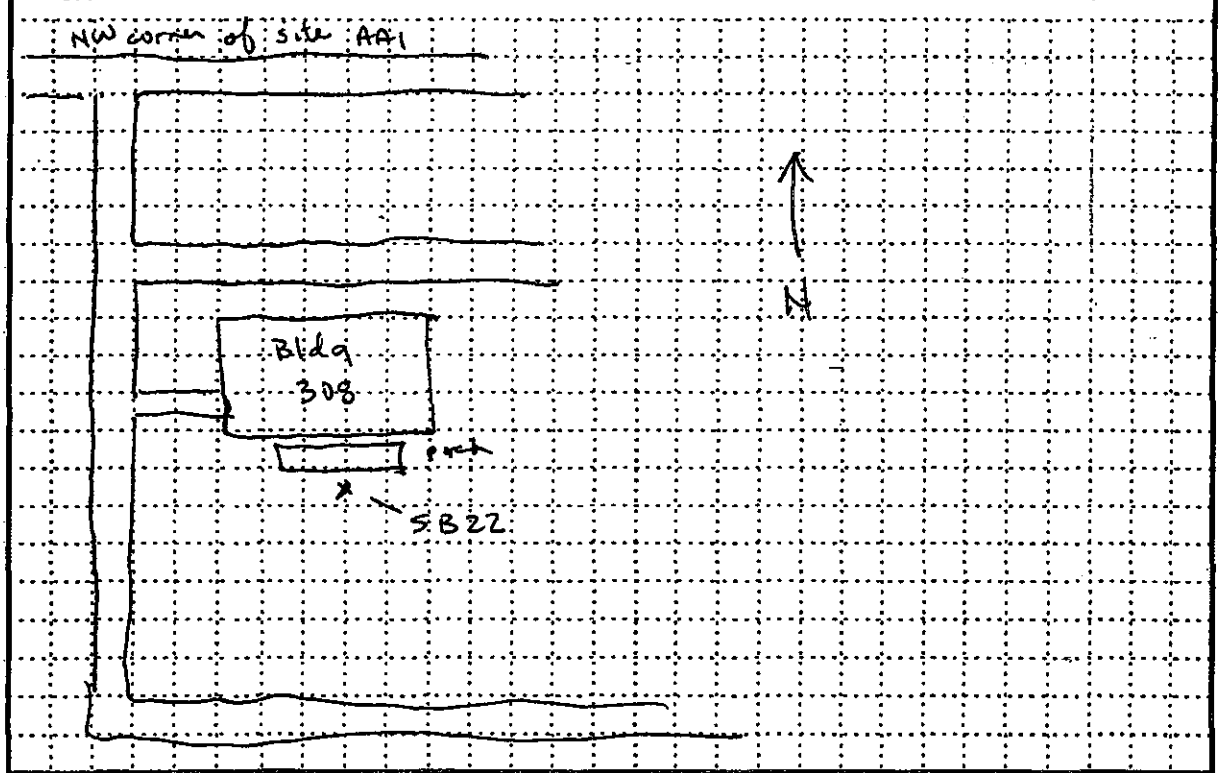
DISTRICT	USACE - Nashville
HOLE NUMBER	SB-22
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET	1 OF 2 SHEETS
3. PROJECT	Acid Area 1 RI
4. LOCATION	AA1 - SB22
5. NAME OF DRILLER	Jeremy LaKrone
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2 1/4" OD rods 1 1/4" soil core
8. HOLE LOCATION	SB-22
9. SURFACE ELEVATION	N/A
10. DATE STARTED	4-18-07
11. DATE COMPLETED	4-18-07
12. OVERBURDEN THICKNESS	N/A
15. DEPTH GROUNDWATER ENCOUNTERED	N/A
13. DEPTH DRILLED INTO ROCK	N/A
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	N/A
14. TOTAL DEPTH OF HOLE	5'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	N/A

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
None			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOCs / Exp.	PCBs		

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE NO.
3SBH9308	SB-22

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER SB-22

PROJECT AAI RI

INSPECTOR

SHEET 2 OF 2 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (4)	FIELD SCREENING RESULTS (4)	GEOTECH SAMPLE OR CORE BOX NO. (4)	ANALYTICAL SAMPLE NO. (3)	BLOW COUNT (3)	REMARKS (6)
		0'-1', OL, organic clay dark brown (10YR 3/2), soft to firm, silty in places, low plasticity, moist to wet.					
1		1'-2.5', ML, silt, clayey, medium brown to yellowish brown (10YR 5/4), soft to firm, wet to saturated.					
2							
3		2.5'-3', ML, silt, clayey, grey to brown (10YR 5/2), soft to firm wet.					
4		3'-4', cl, clay, silty, light greyish brown (10YR 5/2) soft, med plasticity to high plast., wet.					
5		4'-5', cl, clay, silty in places, yellowish brown to grey, mottled (10YR 5/1 to 10YR 5/4) soft, last 3" firm, med plasticity wet.					
		TD' - 5'					

PROJECT 35BH9308

HOLE NO. SB-22

ENG FORM 5056A-R, AUG 84 (Proponent: CECW-EG)

Figure 5-1 (continued)

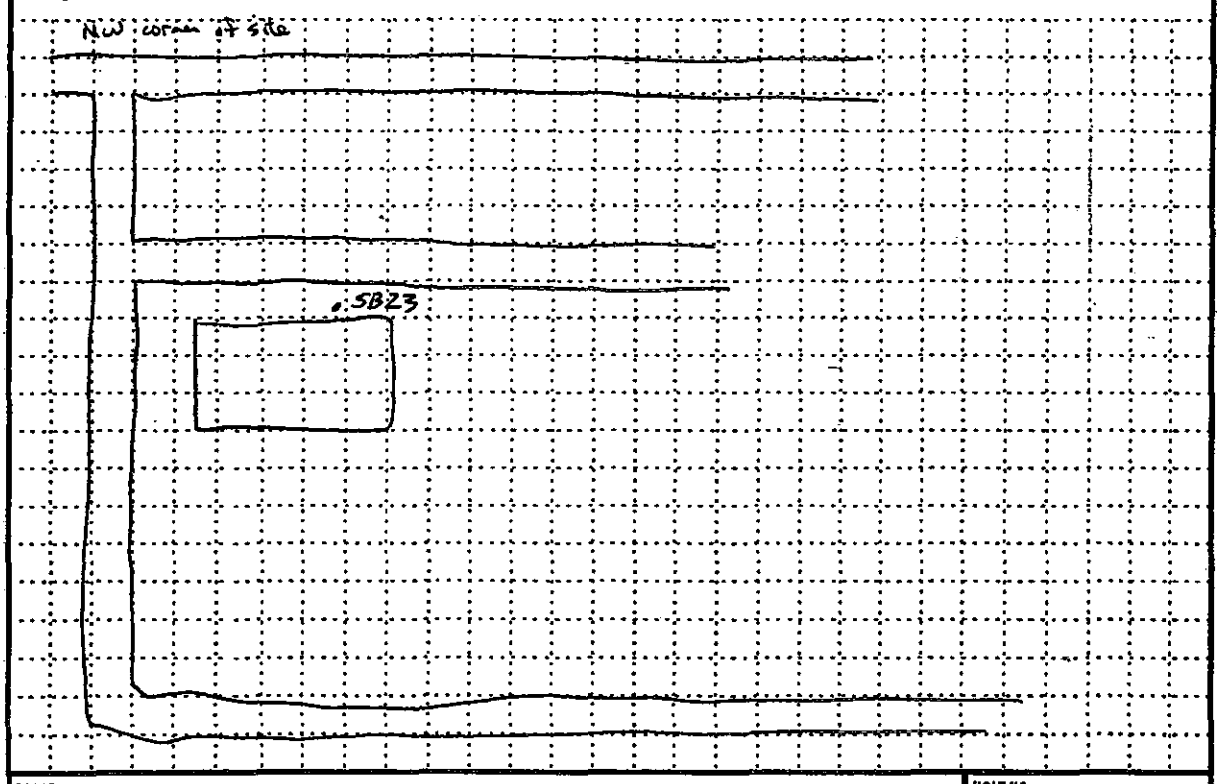
HTRW DRILLING LOG	DISTRICT USACE Nashville	HOLE NUMBER SB23
1. COMPANY NAME Jacobs Engineering	2. DRILLING SUBCONTRACTOR Frontz Drilling	SHEET 1 OF 2 SHEETS
3. PROJECT Acid Area 1 RI	4. LOCATION AA1 - SB23	
5. NAME OF DRILLER Jeremy LaKrone	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2"/4" OD rod, 1"/4" soil core	8. HOLE LOCATION SB-23	
	9. SURFACE ELEVATION N/A	
	10. DATE STARTED 4-18-07	11. DATE COMPLETED 4-18-07
12. OVERBURDEN THICKNESS N/A	15. DEPTH GROUNDWATER ENCOUNTERED N/A	
13. DEPTH DRILLED INTO ROCK N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE 5'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOCs, Exp	PCBs		

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite pellets	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT 35BH9308	HOLE NO. SB23

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER SB23

PROJECT

INSPECTOR

SHEET 2 OF 2 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (4)	FIELD SCREENING RESULTS (5)	GEOTECH SAMPLE OR CORE BOX NO. (6)	ANALYTICAL SAMPLE NO. (7)	BLOW COUNT (8)	REMARKS (9)
		0" - 9", OL, organic clay, silty, dark brown (10YR 4/1), firm, low plasticity, moist.					
1		9" - 11", ML, silt with black aggregate, coarse, asphalt or cinders.					
2		11" - 18", ML, silt, light to medium brown (10YR 4/4) firm, low plasticity, moist.					
3		18" - 3', ML, silt, w clay, dark brown (10YR 3/2) firm to soft, low plasticity wet.					
4		3' - 5', CL, clay silty, medium brown (10YR 5/3) soft, medium plasticity wet					
5		TD - 5'					

PROJECT 35 BH9308 - AAI RI

HOLE NO. SB 23

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

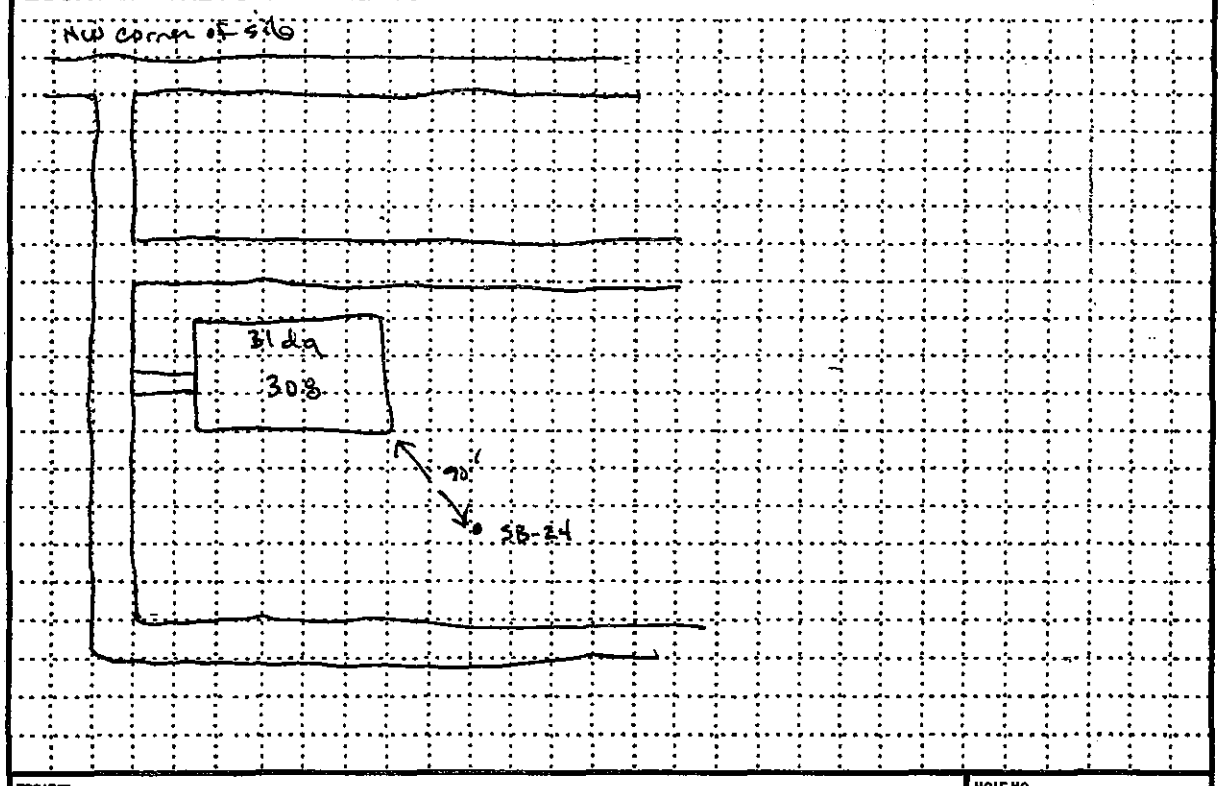
DISTRICT	USACE - Nashville
HOLE NUMBER	SB-24
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET	1 OF 2 SHEETS
3. PROJECT	Acid Area 1 RI
4. LOCATION	AA1 - SB24
5. NAME OF DRILLER	Jeremy LeKrone
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe ~~6200~~ 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2 1/4" OD rods 1 1/4" soil core
8. HOLE LOCATION	SB24
9. SURFACE ELEVATION	N/A
10. DATE STARTED	4-18-07
11. DATE COMPLETED	4-18-07
12. OVERBURDEN THICKNESS	N/A
15. DEPTH GROUNDWATER ENCOUNTERED	
13. DEPTH DRILLED INTO ROCK	N/A
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE	5'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOCs, Exp.	PCBs		

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE NO.
35BH9308	SB-24

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB24

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 2 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE RUN NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNTS (g)	REMARKS (h)
		0"-3", OL, organic silty clay dark brown (10YR, 3/1), soft moist, low plasticity.					
1		3"-3.25', ML, clayey silt, medium brown (10YR 4/4), firm, low plasticity, moist.					
2							
3							
		3.25'-4.25' CL, clay, silty med gray/brown (10YR 4/3) firm, low to medium plasticity, moist					
4							
		4.25'-5' CL, clay, med gray/brown (10YR 4/3) soft, med plasticity, moist.					
5							
		TD-5'					

PROJECT: 35BH9308

HOLE NO.: SB-24

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

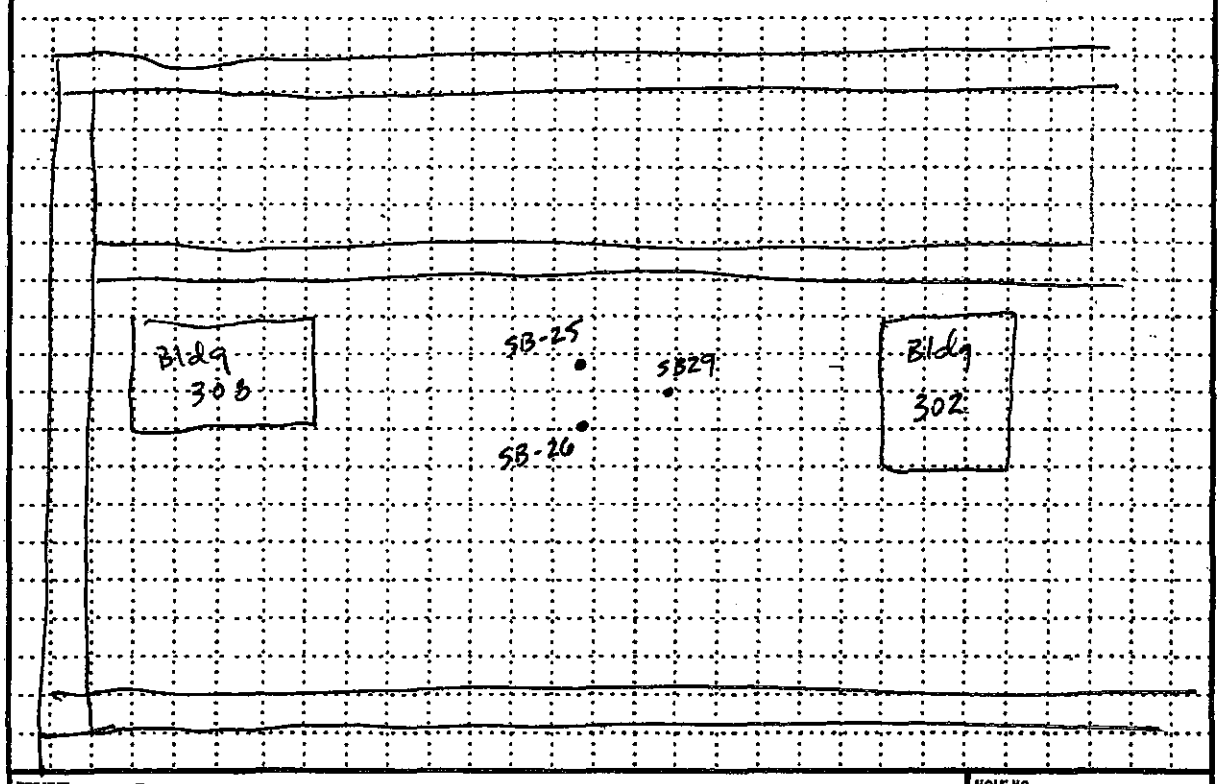
DISTRICT	USACE - Nashville
HOLE NUMBER	SB-25
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET / OF SHEETS	1 OF 2
3. PROJECT	Acid Area 1 RI
4. LOCATION	AA1-SB-25
5. NAME OF DRILLER	Jeremy Lakrone
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	
8. HOLE LOCATION	AA1 - SB-25
9. SURFACE ELEVATION	N/A
10. DATE STARTED	4-19-07
11. DATE COMPLETED	4-19-07
12. OVERBURDEN THICKNESS	N/A
15. DEPTH GROUNDWATER ENCOUNTERED	
13. DEPTH DRILLED INTO ROCK	N/A
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE	10'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOC	Explosives	PCB	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips				

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE NO.
35 BH9308	SB-25

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER SB-25

PROJECT Acid Area 1 RI | INSPECTOR | SHEET 2 OF 2 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (3)	FIELD SCREENING RESULTS (4)	SECTION SAMPLE OR CORE RUN NO. (5)	ANALYTICAL SAMPLE NO. (6)	BLOW COUNT (7)	REMARKS (8)
		0"-6", OL, organic clay, dark brown (10YR 3/2), soft, low plasticity, moist					
1		6"-2' no recovery					
2		2'-3.5' - ML, silt w/ fine sand, medium brown (10YR 3/3), firm, loose to soft, low plasticity, wet.					
3							
4		3.5-4.0 - CL, clay, medium brown (10YR 3/3) soft medium to high plasicity, wet					
5		4.0 - 6.0', CL, silty clay, medium brown (10YR 4/4) firm, medium plasticity, wet.					
6		6.0'-10.0' - CL, clay, minimal silt, med brown to gray (10YR 5/2). firm to hard, medium plasticity, moist					
7							
8							
9							
10		TD-10'					

PROJECT 35BH9308 | HOLE NO. SB-25

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

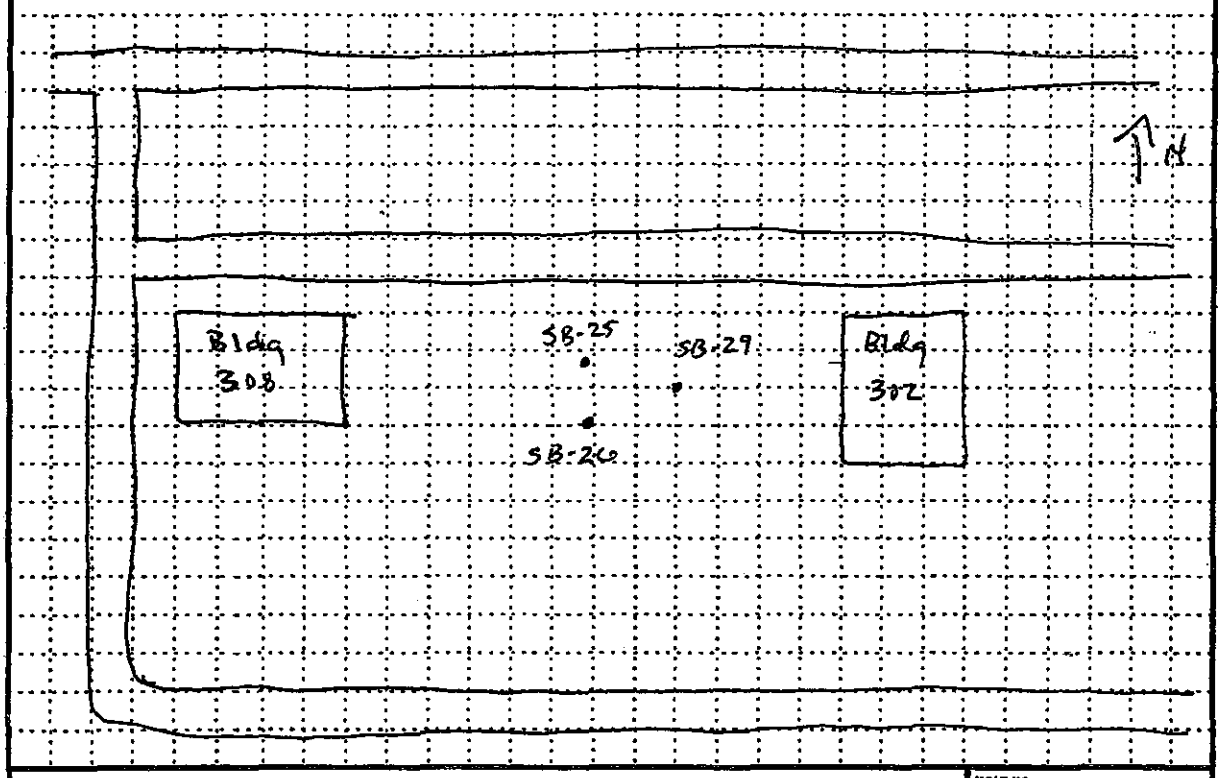
HTRW DRILLING LOG	DISTRICT USACE - Nashville	HOLE NUMBER SB-26
1. COMPANY NAME Jacobs Engineering	2. DRILLING SUBCONTRACTOR Frontz Drilling	SHEET 1 OF 2 SHEETS
3. PROJECT Acid Area 1 RI	4. LOCATION AA1 - SB26	
5. NAME OF DRILLER Jeremy Lakrone	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2"/4" OD Rods 1"/4" soil core	8. HOLE LOCATION AA1 - SB26	
	9. SURFACE ELEVATION N/A	
	10. DATE STARTED 4-19-07	11. DATE COMPLETED 4-19-07
12. OVERBURDEN THICKNESS N/A	15. DEPTH GROUNDWATER ENCOUNTERED N/A	
13. DEPTH DRILLED INTO ROCK N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A	
14. TOTAL DEPTH OF HOLE 5'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOC	explosives	PCB	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR

LOCATION SKETCH/COMMENTS SCALE:



PROJECT 35BH9308	HOLE NO. SB-26

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-20

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 2 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		0"-6", OL, organic clay dark brown (10YR 2/2) soft to loose, no plasticity moist.					
1		6"-1.5' CL, silty clay medium brown (10YR 4/3) soft to firm, low plasticity moist to wet					
2		1.5-3.0, CL, clay medium brown (10YR 4/2) soft to firm, med plastic moist.					
3		3.0-5.0 CL, clay medium brown (10YR 5/2) firm, low to med plasticity moist.					
4							
5		TD-5'					
6							

PROJECT: 35BH9308

HOLE NO. SB-20

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

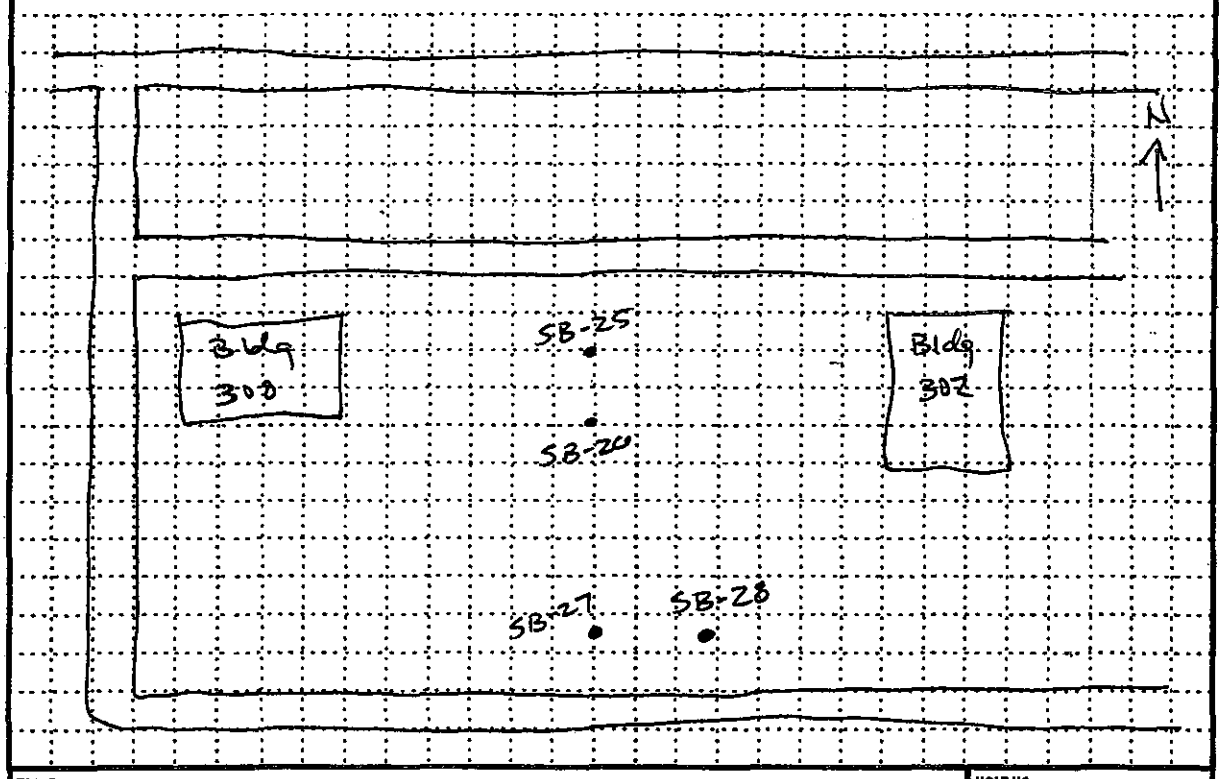
HTRW DRILLING LOG	DISTRICT USACE- Nashville	HOLE NUMBER SB-27
1. COMPANY NAME Jacobs Engineering	2. DRILLING SUBCONTRACTOR Frontz Drilling	SHEET 1 OF 2 SHEETS
3. PROJECT Acid Area 1 RI	4. LOCATION AA1 - SB-27	
5. NAME OF DRILLER Jeremy LeKrone	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 1/4 OD rods 1 1/4" soil core	8. HOLE LOCATION AA1 - SB27	
	9. SURFACE ELEVATION N/A	
	10. DATE STARTED 4-19-07	11. DATE COMPLETED 4-19-07
12. OVERBURDEN THICKNESS N/A	15. DEPTH GROUNDWATER ENCOUNTERED	
13. DEPTH DRILLED INTO ROCK N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE 5'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
None			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOC	explosives	PCBs	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR

LOCATION SKETCH/COMMENTS SCALE:



PROJECT 35BH9308	HOLE NO. SB-27

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-27

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 2 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (3)	FIELD SCREENING RESULTS (4)	GEOTECH SAMPLE OR CORE BOX NO. (5)	ANALYTICAL SAMPLE NO. (6)	BLOW COUNT (7)	REMARKS (8)
		0"-6" OL, organic clay, dark brown (10YR 4/1) soft to loose, low plasticity moist					
1		6"-12" no recovery					
2		1'-3", ML, silt with clay, medium brown (10YR 4/3), soft, no plasticity, wet.					
3		3'-4', ml, silt with clay medium brown (10YR 4/3) firm, low plasticity, wet					
4		4'-5' CL, clay/silty, light brown to gray (10YR 5/3), firm, low plasticity, moist.					
5		TD - 5'					

PROJECT: 35B49308

HOLE NO. SB-27

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

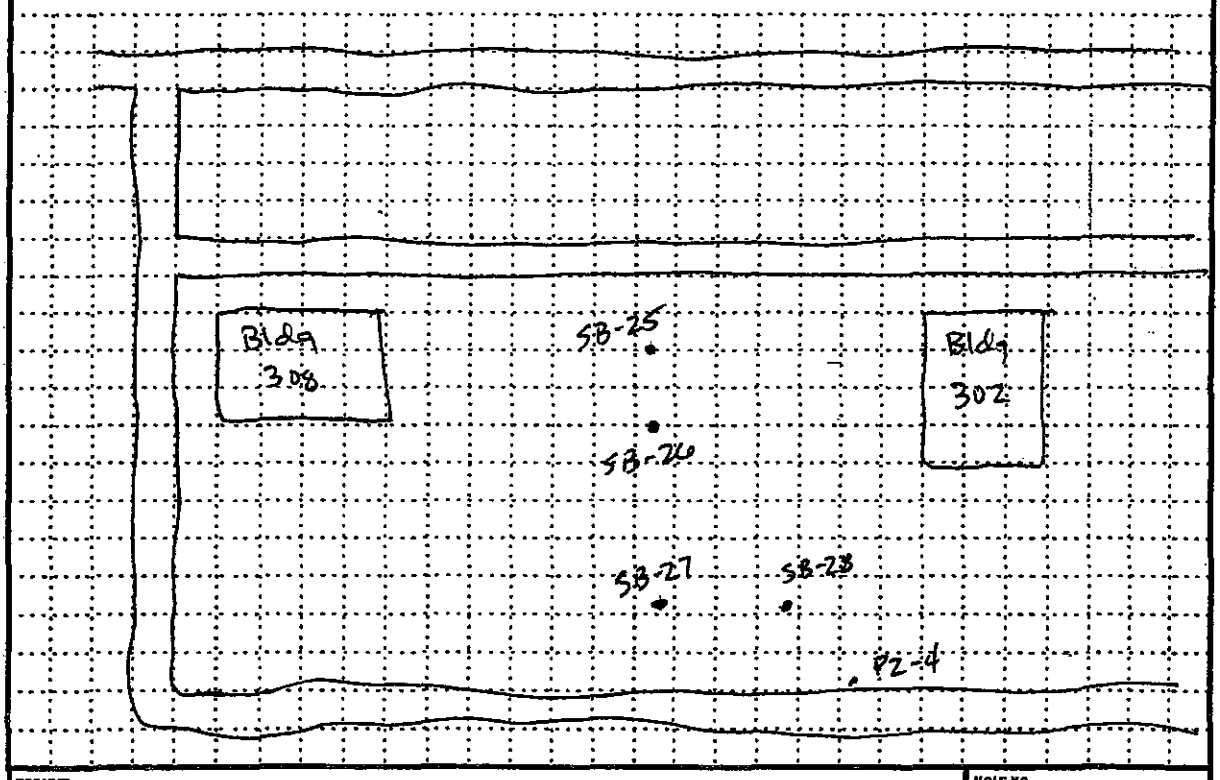
DISTRICT	USACE Nashville
HOLE NUMBER	SB-28
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET / SHEETS	1 OF 2
3. PROJECT	Acid Area 1 RI
4. LOCATION	AA1 - SB28
5. NAME OF DRILLER	Jeremy LaKrone
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2¼" OD rods, 1¼ soil core
8. HOLE LOCATION	AA1 - SB28
9. SURFACE ELEVATION	N/A
10. DATE STARTED	4-19-07
11. DATE COMPLETED	4-19-07
12. OVERBURDEN THICKNESS	N/A
15. DEPTH GROUNDWATER ENCOUNTERED	
13. DEPTH DRILLED INTO ROCK	N/A
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE	10'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOCs	explosives	PCBs	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE NO.
35BH9308	SB-28

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-28

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 2 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (3)	FIELD SCREENING RESULTS (4)	UNDISTURBED SAMPLE OR CORE BOX NO. (5)	ANALYTICAL SAMPLE NO. (6)	BLOW COUNT (7)	REMARKS (8)
		0"-6", OL, organic clay, dark brown (10YR 4/1) some gravel, soft, low plasticity, moist.					
1		6"-3', ML, silt w/ clay, medium brown (10YR, 4/4), firm to soft, low to know plasticity, wet.					
2							
3		3'-6.5', CL, clay w/ silt 10%, medium brown (10YR 4/6) grading to brown gray (10YR 4/3) at 3.5' firm, low to medium plasticity, moist. Increased silt at 5'-6'.					
4							
5							
6							
7		6.5-10.0', CL, clay w/ gravel and rock fragments (till), gray (10YR, 5/1), firm to hard, low plasticity, moist to dry.					
8							
9							
10		TD - 10'					

PROJECT: 35BH9308

HOLE NO. SB-28

ENG FORM 5056A-R, AUG 84 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

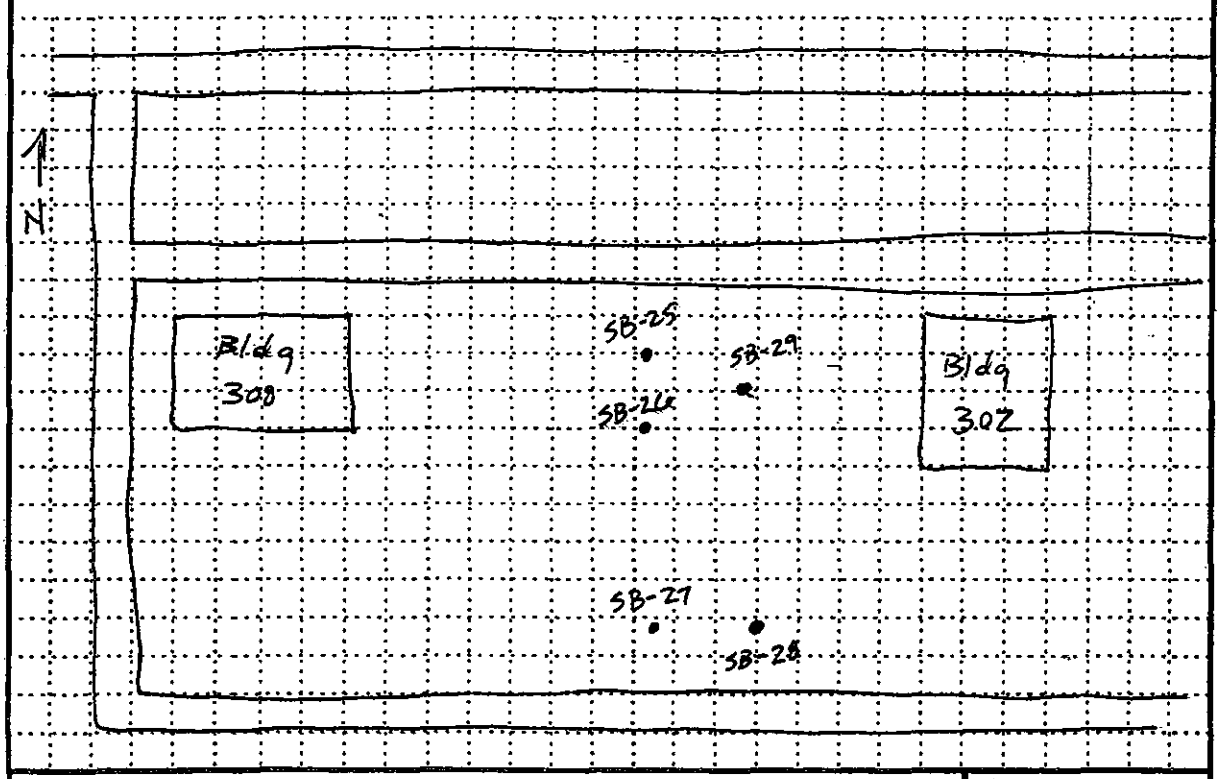
DISTRICT	USACE - Nashville
HOLE NUMBER	SB-29
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET / SHEETS	1 OF 2
3. PROJECT	Acid Area 1 RI
4. LOCATION	AA1 - SB29
5. NAME OF DRILLER	Jeremy Lakrone
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2"/3" OD Rods 1"/4" Soil core
8. HOLE LOCATION	AA1 - SB29
9. SURFACE ELEVATION	N/A
10. DATE STARTED	4-19-07
11. DATE COMPLETED	4-19-07
12. OVERBURDEN THICKNESS	N/A
15. DEPTH GROUNDWATER ENCOUNTERED	N/A
13. DEPTH DRILLED INTO ROCK	N/A
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	N/A
14. TOTAL DEPTH OF HOLE	5'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	N/A

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOCs	explosives	PCBs	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE NO.
35BH9308	SB-29

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-29

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 2 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		0"-10", OL, organic clay, dark brown (10YR, 2/2). soft to loose w/ some gravel, moist					
1		10"-3.25', ML, silt, medium to dark brown (10YR, 3/3), soft, wet.					
2							
3							
		3.25'-5.0', CL, clay firm, soft at bottom 6", medium brown (10YR, 4/3) medium plasticity, moist.					
4							
5							
		TD - 5'					

PROJECT: 35 BH9308

HOLE NO.: SB-29

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

Figure 5-1 (continued)

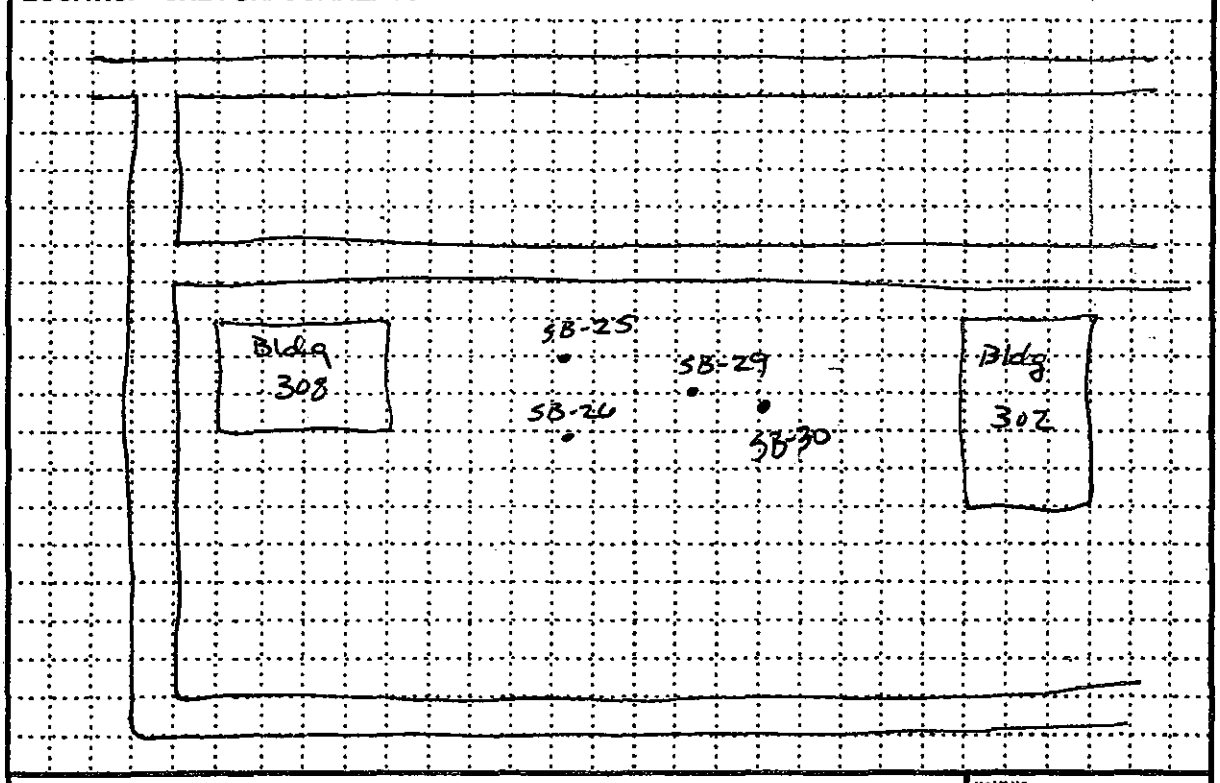
HTRW DRILLING LOG	DISTRICT USACE - Nashville	HOLE NUMBER SB-30
1. COMPANY NAME Jacobs Engineering	2. DRILLING SUBCONTRACTOR Frontz Drilling	SHEET 1 OF SHEETS 2
3. PROJECT Acid Area 1 RI	4. LOCATION AA1 - SB30	
5. NAME OF DRILLER Jeremy Lakrone	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 1/4" OD rods 1 1/4" soil core	8. HOLE LOCATION AA1-SB30	
	9. SURFACE ELEVATION N/A	
	10. DATE STARTED 4-19-07	11. DATE COMPLETED 4-19-07
12. OVERBURDEN THICKNESS N/A	15. DEPTH GROUNDWATER ENCOUNTERED N/A	
13. DEPTH DRILLED INTO ROCK N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A	
14. TOTAL DEPTH OF HOLE 5'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOCs	explosives	PCB	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT 35BH9308	HOLE NO. SB-30

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-30

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 of 2 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
1		0"-14", OL, organic clay, silty, dark brown (10YR, 3/2), loose, gravelly, concrete aggregate at 9"-12".					
2		14"-4', ML, silt w/ some fine sand, medium brown (10YR 3/3), soft, no plasticity, wet					
3							
4		4'-5', CL, clay with 15% silt, medium brown (10YR, 5/4), soft to firm, moist.					
5		TD - 5'					

PROJECT: 35BH9308

HOLE NO: SB-30

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

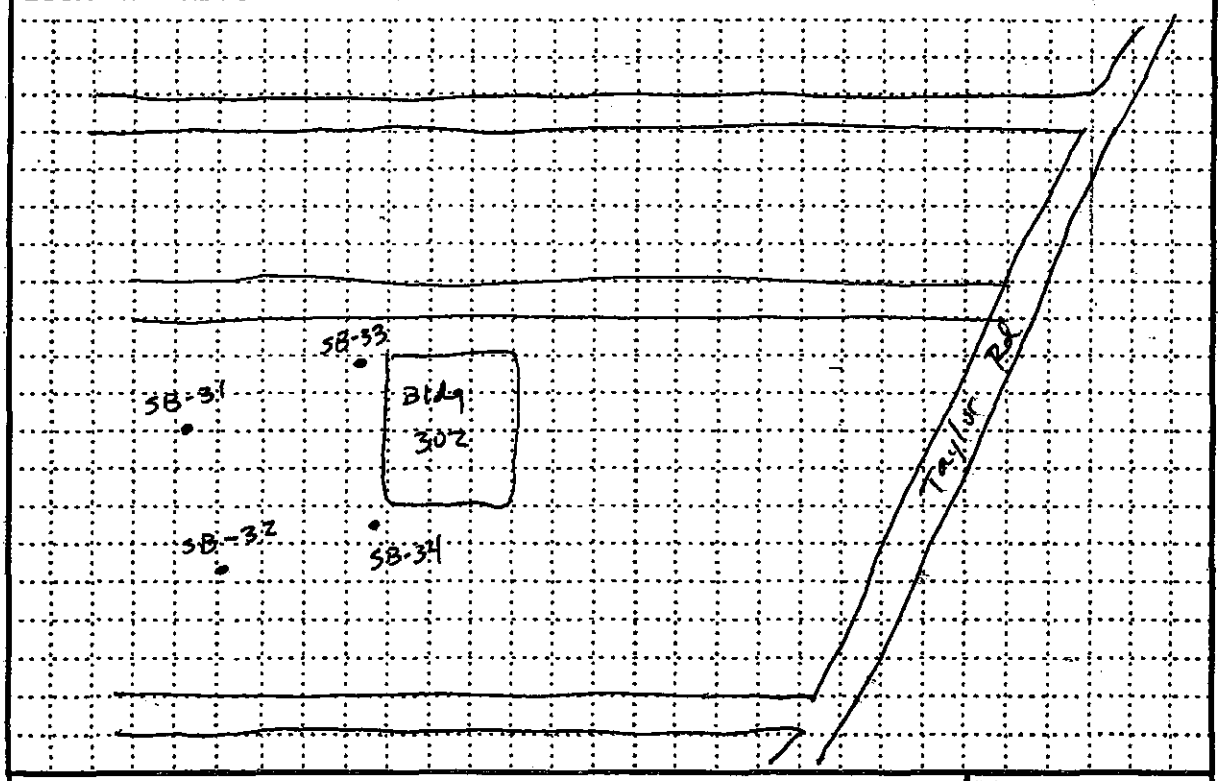
DISTRICT: USACE - Nashville	HOLE NUMBER: SB-31	
1. COMPANY NAME: Jacobs Engineering	2. DRILLING SUBCONTRACTOR: Frontz Drilling	SHEET 1 OF 2 SHEETS
3. PROJECT: Acid Area 1 RI	4. LOCATION: AA1 - SB31	
5. NAME OF DRILLER: Jeremy LeKrone	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6620	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 2 1/4" OD rods, 1 1/4" soil core	8. HOLE LOCATION: AA1 - SB31	
	9. SURFACE ELEVATION: N/A	
	10. DATE STARTED: 4-20-07	11. DATE COMPLETED: 4-20-07
12. OVERBURDEN THICKNESS: N/A	15. DEPTH GROUNDWATER ENCOUNTERED	
13. DEPTH DRILLED INTO ROCK: N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE: 5'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
None			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOC	explosives	PCBs	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE NO.
35BH9308	SB-31

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-31

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 2 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		0"-6", OL, organic clay, dark brown (10YR, 2/1), soft, moist.					
1		6"-10", concrete aggregate, loose.					
2		10"-3', ML, silt, medium brown (10YR, 4/2), firm moist to wet.					
3		3'-5', CL, clay, silty, medium brown (10YR, 4/2), black to dark brown in places, firm, soft from 4.25' to 4.5', medium plasticity, moist to wet.					
4							
5		TD-5'					

PROJECT: 35B49308

HOLE NO. SB-31

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

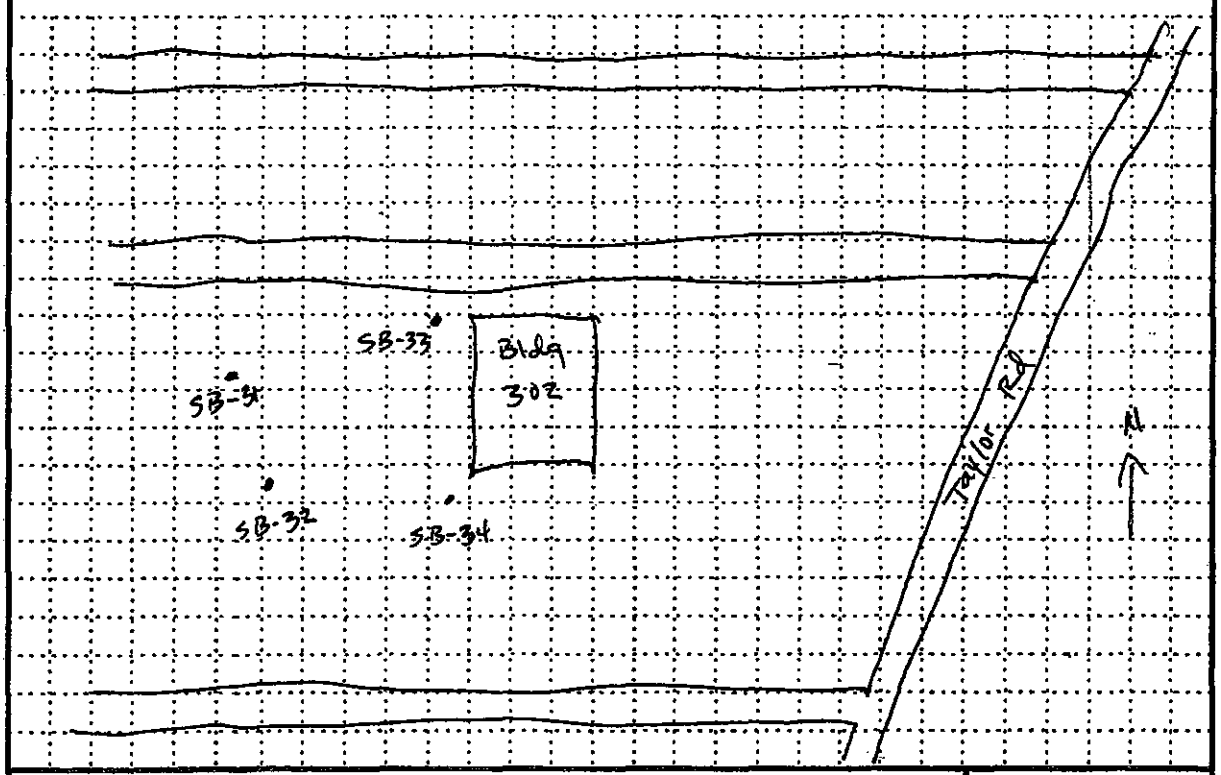
DISTRICT: USACE - Nashville		HOLE NUMBER: SB-32
1. COMPANY NAME: Jacobs Engineering	2. DRILLING SUBCONTRACTOR: Frontz Drilling	SHEET 1 OF 2 SHEETS
3. PROJECT: Acid Area 1 RI	4. LOCATION: AA1 - SB-32	
5. NAME OF DRILLER: Jeremy LaKrone	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6620	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 2 1/4" OD rods, 1 1/4" soil core	8. HOLE LOCATION: AA1 - SB32	
	9. SURFACE ELEVATION: N/A	
	10. DATE STARTED: 4-20-07	11. DATE COMPLETED: 4-20-07
12. OVERBURDEN THICKNESS: N/A	15. DEPTH GROUNDWATER ENCOUNTERED: N/A	
13. DEPTH DRILLED INTO ROCK: N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: N/A	
14. TOTAL DEPTH OF HOLE: 10'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): N/A	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
None			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOCs	cyanides	PCBs	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE NO.
35BH9308	SB-32

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-32

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 2 SHEETS

ELEV. (ft)	DEPTH (ft)	DESCRIPTION OF MATERIALS (a)	FIELD SCREENING RESULTS (b)	GEOTECH SAMPLE OR CORE BOX NO. (c)	ANALYTICAL SAMPLE NO. (d)	BLOW COUNT (e)	REMARKS (f)
		0"-4", OL, organic clay, dark brown (10YR, 3/1), gravely, loose, dry to moist.					
1		4"-2', ML, medium brown (10YR, 4/4), soft to firm, moist.					
2		2'-9.5', CL, clay, small amount of silt, medium brown to yellow (10YR, 6/3), firm, medium plasticity, moist.					
3							
4							
5		rock fragments, angular at 6', 7.5' and 8.25'.					
6							
7							
8							
9		9.5'-10', CL, clay, gray (10YR, 5/1), firm medium plasticity, moist.					
10		TD - 10'					

PROJECT: 35BH9308

HOLE NO.: SB-32

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

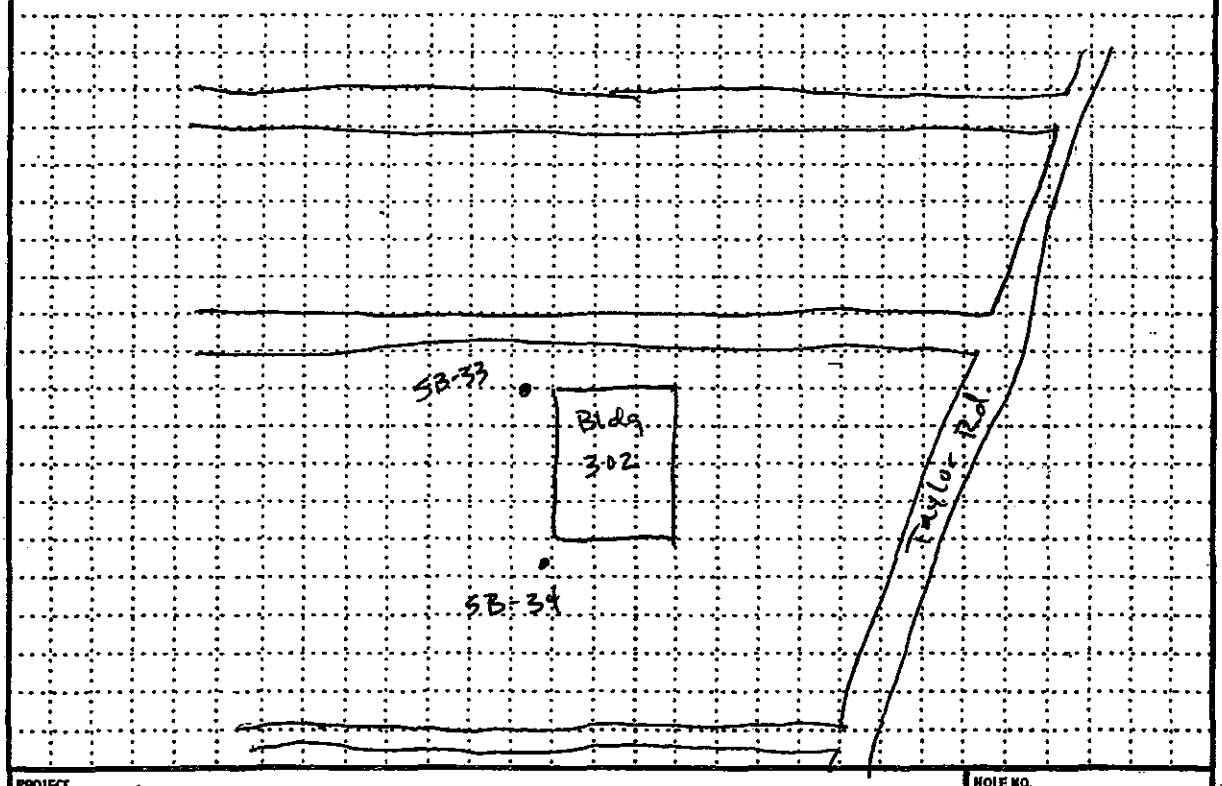
DISTRICT	USACE - Nashville
HOLE NUMBER	SB-33
1. COMPANY NAME	Jacobs Eng
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET	1 OF 2 SHEETS
3. PROJECT	Acid Area 1 RI
4. LOCATION	AA1 - SB-33
5. NAME OF DRILLER	Jeramy LeKrone
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2"4" OD rods 1"4" soil core
8. HOLE LOCATION	AA1 - SB33
9. SURFACE ELEVATION	N/A
10. DATE STARTED	4-20-07
11. DATE COMPLETED	4-20-07
12. OVERBURDEN THICKNESS	N/A
15. DEPTH GROUNDWATER ENCOUNTERED	N/A
13. DEPTH DRILLED INTO ROCK	N/A
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	N/A
14. TOTAL DEPTH OF HOLE	10'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	N/A

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOCs	explosives	PCBs	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE NO.
35 BH9308	SB-33

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-33

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 of 2 SHEETS

ELEV. (4)	DEPTH (5)	DESCRIPTION OF MATERIALS (6)	FIELD SCREENING RESULTS (7)	GEOTECH SAMPLE OR CORE BOX NO. (8)	ANALYTICAL SAMPLE NO. (9)	BLOW COUNT (10)	REMARKS (11)
		0"-6", OL, organic clay w/ angular gravel, dark brown (10YR, 4/1) loose, dry to moist.					
	1	6"-18", gravel, angular backfill, loose.					
	2	1.5'-2.0', ML, silt with fine sand, medium brown (10YR, 5/4) soft, moist					
	3	2'-3.5', gravel, angular 1/4" diameter, loose, moist to wet.					
	4	3.5-4.75, ML, silt medium brown, (10YR 4/3), soft, loose, moist					
	5	4.75'-10', CL, clay medium brown (10YR, 4/3), firm, medium plasticity, moist.					
	6						
	7	soft w/ increase in plasticity and wet at 7.25 to 7.5 and from 8.5 to 10'.					
	8						
	9						
	10	TD-10'					

PROJECT: 35 BH 9308

HOLE NO. SB-33

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

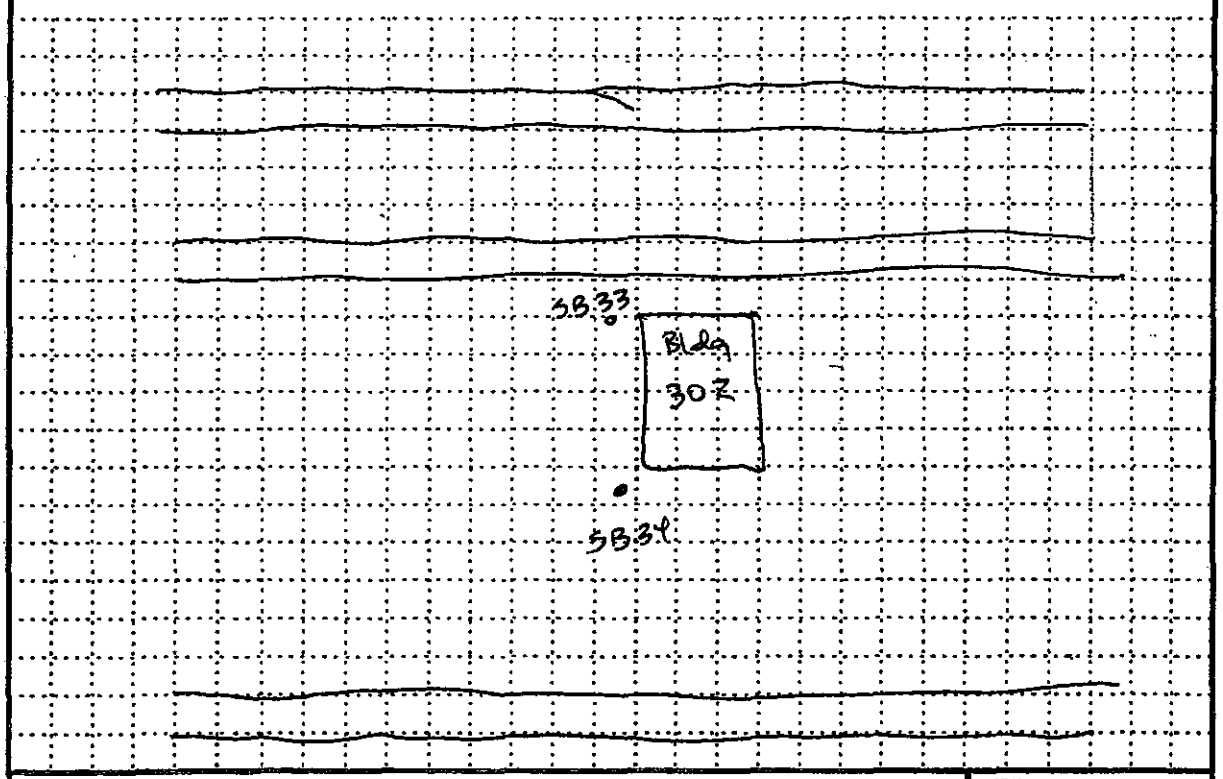
DISTRICT	USACE - Nashville
HOLE NUMBER	SB-34
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET / OF SHEETS	1 OF 2
3. PROJECT	Acid Area 1 - RI
4. LOCATION	AA1 - SB34
5. NAME OF DRILLER	Jeremy Lakrone
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2 1/4" OD rods 1 1/4" soil core
8. HOLE LOCATION	AA1 - SB34
9. SURFACE ELEVATION	N/A
10. DATE STARTED	4.20.07
11. DATE COMPLETED	4.20.07
12. OVERBURDEN THICKNESS	N/A
15. DEPTH GROUNDWATER ENCOUNTERED	
13. DEPTH DRILLED INTO ROCK	N/A
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE	5'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOCs	explosives	PCBs	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE NO.
35BH9308	SB-34

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-34

PROJECT: Acid Area 1

INSPECTOR:

SHEET 2 OF 2 SHEETS

ELEV. (4)	DEPTH (5)	DESCRIPTION OF MATERIALS (4)	FIELD SCREENING RESULTS (4)	BENTRON SAMPLE OR CORE BOX NO. (4)	ANALYTICAL SAMPLE NO. (7)	BLOW COUNT (8)	REMARKS (9)
		0"-6", OL, organic clay dark brown (10YR 2/2) w/ gravel at 4"-6", soft, loose, moist.					
	1	6"-8" - gravel 1/2" to 1" diameter					
	2	8"-2', ML, silt, with fine sand, medium brown (10YR, 4/3), soft, moist					
	3	2'-3.5', CL, silty clay organic, dark brown (10YR, 2/2), firm, no plasticity, moist					
	4	3.5-5.0', CL, some silt, medium brown (10YR, 4/3), firm, medium plasticity, moist					
	5	TD -5'					

PROJECT: 35B49308

HOLE NO.: SB-34

ENG FORM 5058A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

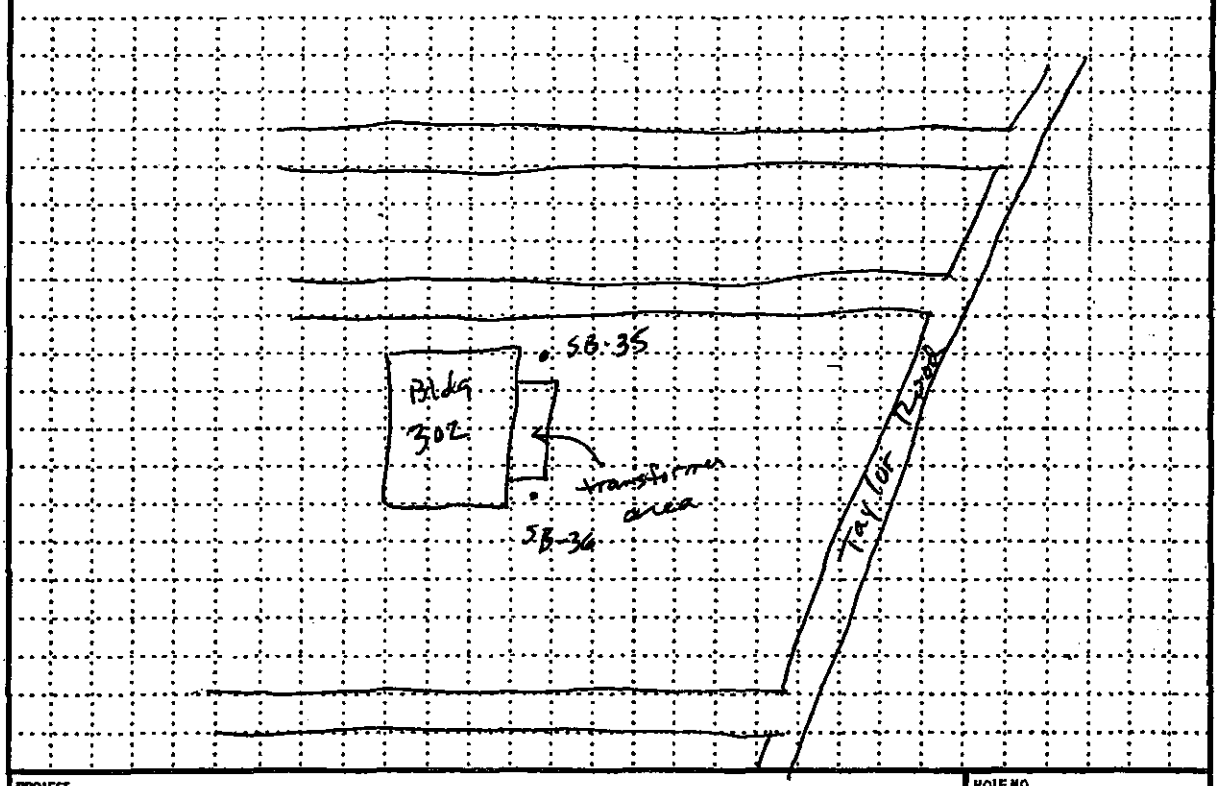
DISTRICT	USACE - Nashville
HOLE NUMBER	SB-35
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET / OF SHEETS	1 OF 2
3. PROJECT	Acid Areal RI
4. LOCATION	AA1 - SB25
5. NAME OF DRILLER	Jeremy Lekrone
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2 1/4" OD rods 1 1/4" soil core
8. HOLE LOCATION	AA1 - SB25
9. SURFACE ELEVATION	N/A
10. DATE STARTED	4.20.07
11. DATE COMPLETED	4.20.07
12. OVERBURDEN THICKNESS	N/A
13. DEPTH DRILLED INTO ROCK	N/A
14. TOTAL DEPTH OF HOLE	5'
15. DEPTH GROUNDWATER ENCOUNTERED	
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
~~Acids AA1~~	✓	✓	SVOCs	explosives	PCBs	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	35 BH9308
HOLE NO.	SB-35

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-35

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET: 2 of 2 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (3)	FIELD SCREENING RESULTS (4)	GEOTECH SAMPLE OR CORE BOX NO. (5)	ANALYTICAL SAMPLE NO. (6)	BLOW COUNT (7)	REMARKS (8)
		0"-3", OL, organic clay with silt, dark brown (10YR, 2/2), soft to firm, moist.					
	1	8"-3.75', ML, silt with clay from 1.5' to 3.75' medium brown (10YR, 4/4), firm, moist to dry.					
	2	Dark brown to black from 2'-3'.					
	3						
	4	3.75'-5.0', CL, clay, medium brown (10YR, 4/3), soft, high plasticity, moist to wet					
	5	TD - 5'					

PROJECT: 35BH9308

HOLE NO.: SB-35

ENG FORM 5056A-R, AUG 94

(Proponent: CEXW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

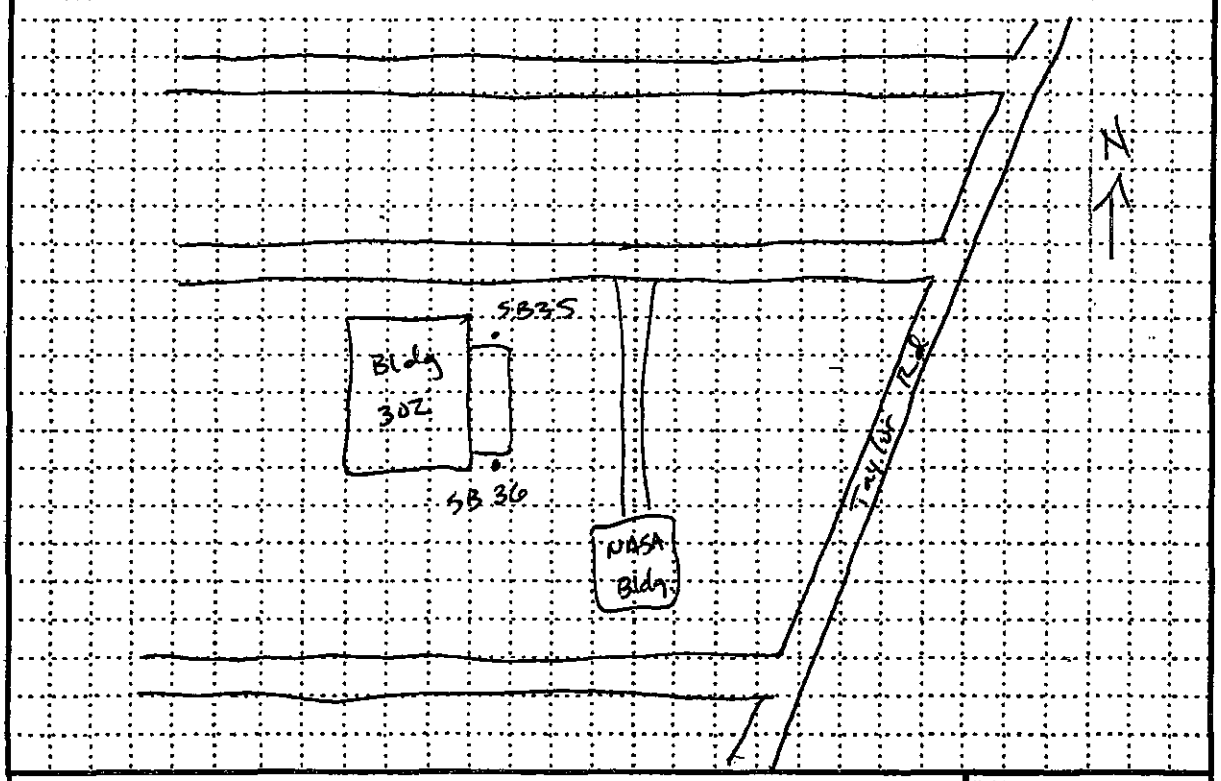
DISTRICT	USACE - Nashville
HOLE NUMBER	SB36
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET / OF SHEETS	1 OF 2
3. PROJECT	Acid Area 1 RI
4. LOCATION	AA1 - SB36
5. NAME OF DRILLER	Jeremy Lakrone
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2 1/4" OD rods 1 1/4" soil core
8. HOLE LOCATION	AA1 - SB36
9. SURFACE ELEVATION	N/A
10. DATE STARTED	4.20.07
11. DATE COMPLETED	4.20.07
12. OVERBURDEN THICKNESS	N/A
15. DEPTH GROUNDWATER ENCOUNTERED	
13. DEPTH DRILLED INTO ROCK	N/A
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE	10'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
None			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOCs	explosives	PCBs	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE NO.
35BH9308	SB36

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB 36

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 2 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (4)	FIELD SCREENING RESULTS (5)	GEOTECH SAMPLE OR CORE BOX NO. (6)	ANALYTICAL SAMPLE NO. (7)	BLOW COUNT (12)	REMARKS (8)
	X	0"-6", OL, organic clay and silt, dark brown (10YR, 3/2), soft, moist.					
	1	6"-10", gravel, angular 1/2" diameter, w/ organic silt (dark brown) (10YR, 3/2), loose, moist					
	2	10"-3.25', ML, with clay content increasing from 0% to 50% at 3', medium brown (10YR, 4/3), dark brown at 2.5 to 3' (10YR, 2/2), firm, moist to dry.					
	3						
	4	3'-5', CL, clay with silt in upper 6", medium brown (10YR 4/4), firm, low plasticity, moist.					
	5						
	6	5'-5.5', CL, clay, medium brown (10YR 4/4), soft, medium to high plasticity, moist					
	7	5.5-9', CL, clay w 5% silt, medium brown (10YR, 4/3), firm to hard, low plasticity, moist					
	8	angular rock fragments from 7.5'-9'.					
	9	9'-10', CL, a clay, gray (10YR, 4/1), firm to hard, low plasticity, moist. rock fragments TD-10 (till)					
	10						

PROJECT: 3S BH9308

HOLE NO.: SB 36

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

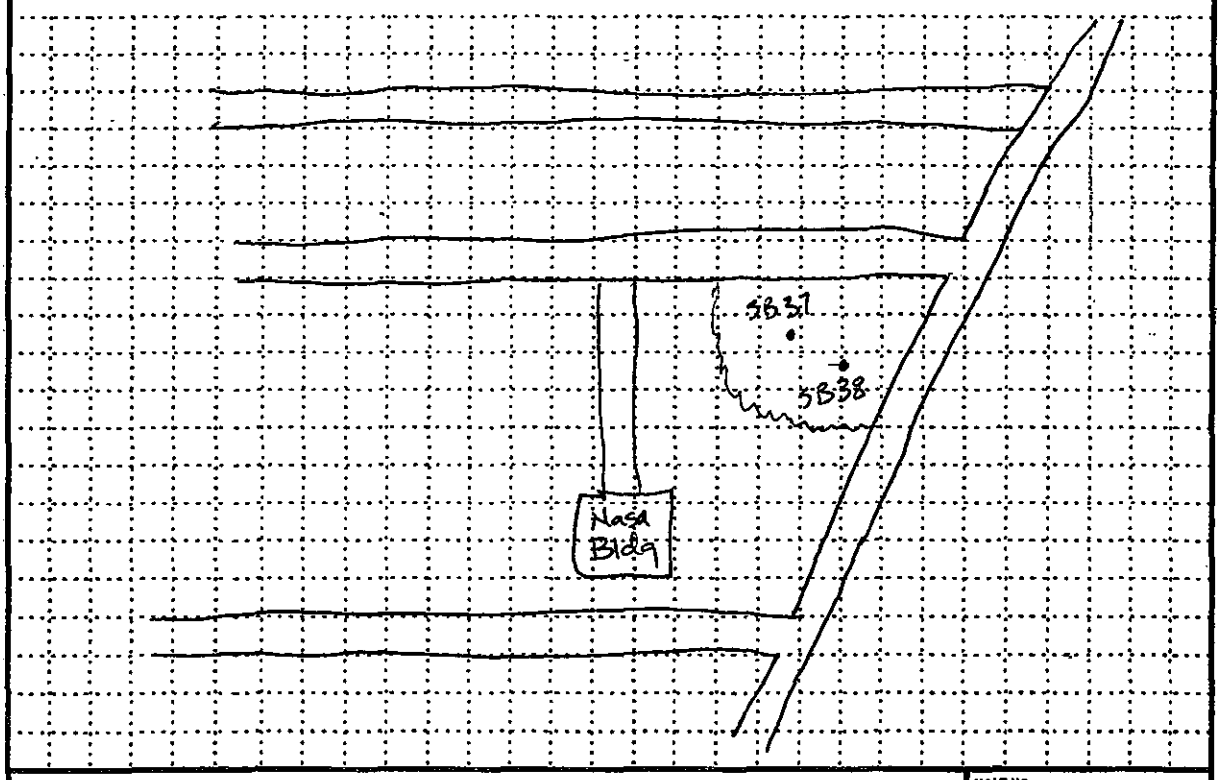
HTRW DRILLING LOG	DISTRICT USACE - Nashville	HOLE NUMBER SB-37
1. COMPANY NAME Jacobs Engineering	2. DRILLING SUBCONTRACTOR Frontz Drilling	SHEET 1 OF 2 SHEETS
3. PROJECT Acid Area 1 - RI	4. LOCATION AA1 - SB37	
5. NAME OF DRILLER Jeremy Lakrone	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 1/4" OD rods 1 1/4" soil core	8. HOLE LOCATION AA1 - SB37	
	9. SURFACE ELEVATION N/A	
	10. DATE STARTED 4.20.07	11. DATE COMPLETED 4.20.07
12. OVERBURDEN THICKNESS N/A	15. DEPTH GROUNDWATER ENCOUNTERED	
13. DEPTH DRILLED INTO ROCK N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE 10'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
None			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOC	explosives	PCBs	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips	✓			

LOCATION SKETCH/COMMENTS SCALE:



PROJECT 35BH9308	HOLE NO. SB37

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB-37

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 2 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (3)	FIELD SCREENING RESULTS (4)	GEOTECH SAMPLE OR CORE BOX NO. (5)	ANALYTICAL SAMPLE NO. (6)	BLOW COUNT (7)	REMARKS (8)
		0"-3", OL, organic clay and silt, soft, wet.					
	1	3"-5', SM, fine grained sand w/ silt, medium brown (10YR, 4/4), wet.					
	2						
	3						
	4						
	5	5'-7', ML, silt w some fine grained sand, medium brown (10YR, 4/3), some clay content, soft, wet					
	6						
	7	7'-10', CH, clay, small amount of silt in upper 1', gray (10YR, 3/1), soft, high plasticity wet to moist.					
	8						
	9						
	10	TD-10'					

PROJECT: 35BH9308

HOLE NO.: SB-37

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

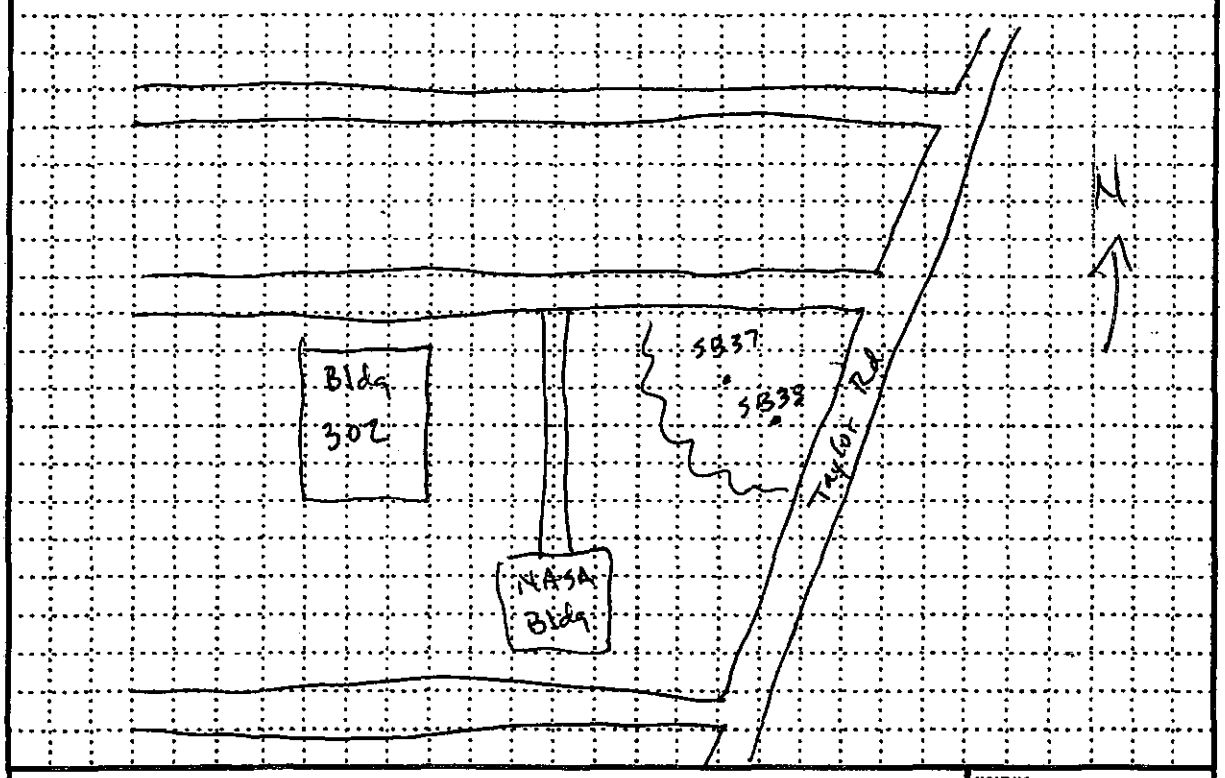
DISTRICT	Nashville USACE
HOLE NUMBER	SB38
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Frmtz Drilling
SHEET / OF SHEETS	1 of 2
3. PROJECT	Acid Area 1 RI
4. LOCATION	AA1 - SB38
5. NAME OF DRILLER	Jeremy Lokrone
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2"/4" OD Rodo 1"/4" Soil Core
8. HOLE LOCATION	AA1 - SB38
9. SURFACE ELEVATION	N/A
10. DATE STARTED	4-20-07
11. DATE COMPLETED	4-20-07
12. OVERBURDEN THICKNESS	N/A
15. DEPTH GROUNDWATER ENCOUNTERED	
13. DEPTH DRILLED INTO ROCK	N/A
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE	1.5'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
	✓	✓	SVOCs	explosives	PCBs	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
bentonite chips				

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE NO.
35BH9308	SB38

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: SB38

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 2 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		0"-8", OL organic clay, dark ~~black~~ brown to black (10YR, 2/1), soft, wet.					
	1	8" - 1.5' - ML, silt with fine sand, medium brown (10YR, 4/6), firm, wet.					
	2	TD - 1.5'					

PROJECT: 35 BH9308

HOLE NO.: SB38

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

Appendix C
Land Survey Documentation

NASA ACID AREA #1 PHASE 3

JACOBS ENGINEERING

7/26/2007
145504
ABE

NORTHING	EASTING	ELEVATION	POINT NUMBER	DESCRIPTION
623767.2010	1914904.1250	636.11	7	RANSOM & MAINTENANCE MON 5/8" PIN, BM
623734.5780	1916064.4070	635.28	34	MAINTENANCE, 1ST E OF RANSOM MON 1" PIN
621619.4600	1914969.7980	642.38	8	RANSOM & FOX MON 5/8" PIN
623753.1550	1913467.2920	641.05	12	MAINTENANCE & RR TRACK RR SPIKE
623636.7608	1920001.6438	637.19	37	MAINTENANCE & TAYLOR MON 1" PIN
623044.7862	1919213.5042	645.08	42	RRS POWER HOUSE @ TAYLOR
623044.5617	1917043.7490	639.17		PZ-1 (TOP OF PIPE ELEV. = 641.83)
622664.6418	1917036.6963	639.25		PZ-2 (TOP OF PIPE ELEV. = 640.89)
622901.7327	1917631.2747	639.72		PZ-3 (TOP OF PIPE ELEV. = 640.97)
622608.2655	1917877.2433	639.45		PZ-4 (TOP OF PIPE ELEV. = 640.55)
623049.6876	1918085.5374	638.28		PZ-5 (TOP OF PIPE ELEV. = 640.94)
622871.7942	1918436.1037	640.42		PZ-6 (TOP OF PIPE ELEV. = 641.59)
622589.3004	1918552.5865	642.10		PZ-7 (TOP OF PIPE ELEV. = 643.49)
623030.1210	1919073.7871	642.27		PZ-8 (TOP OF PIPE ELEV. = 644.20)
622996.9448	1917107.7047	638.96		SB-16
623026.8310	1917713.3590	639.09		SB-17
623001.7274	1917242.3280	639.14		SB-18
622991.8097	1917656.4448	639.38		SB-19
622967.1415	1917768.2367	639.05		SB-20
622814.7558	1917084.9713	639.14		SB-21
622760.3757	1917195.5394	638.50		SB-22
622876.0420	1917235.1558	639.14		SB-23
622724.6050	1917304.5336	639.20		SB-24
622827.3738	1917707.7852	638.66		SB-25
622765.4991	1917712.3372	638.79		SB-26
622678.2427	1917749.8761	639.14		SB-27
622670.5239	1917812.1173	639.49		SB-28
622806.1572	1917822.5839	638.94		SB-29
622791.0993	1917882.1948	638.79		SB-30
622805.9898	1917944.9497	639.00		SB-31
622741.7736	1918003.3485	638.72		SB-32
622851.8445	1918112.6841	639.49		SB-33
622740.8046	1918102.1016	639.10		SB-34
622821.5064	1918221.3778	638.48		SB-35
622742.4619	1918221.2463	638.87		SB-36
622833.3886	1918587.8451	639.86		SB-37
622765.6520	1918633.9463	639.49		SB-38
623228.3295	1916981.0257	633.75		SW-01
623188.3191	1917046.6158	634.70		SW-02
623152.7362	1917090.9167	634.65		SW-03
623019.3966	1916919.7477	633.05		SW-04
622960.2117	1917391.0917	634.70		SW-05
622896.0511	1917427.2755	635.88		SW-06
622673.2758	1916983.0125	632.44		SW-07
622477.9440	1917303.8716	633.93		SW-08
622548.2664	1917585.3343	634.83		SW-09
622540.0046	1917984.4482	635.24		SW-10
623003.3539	1918267.8685	629.41		SW-11

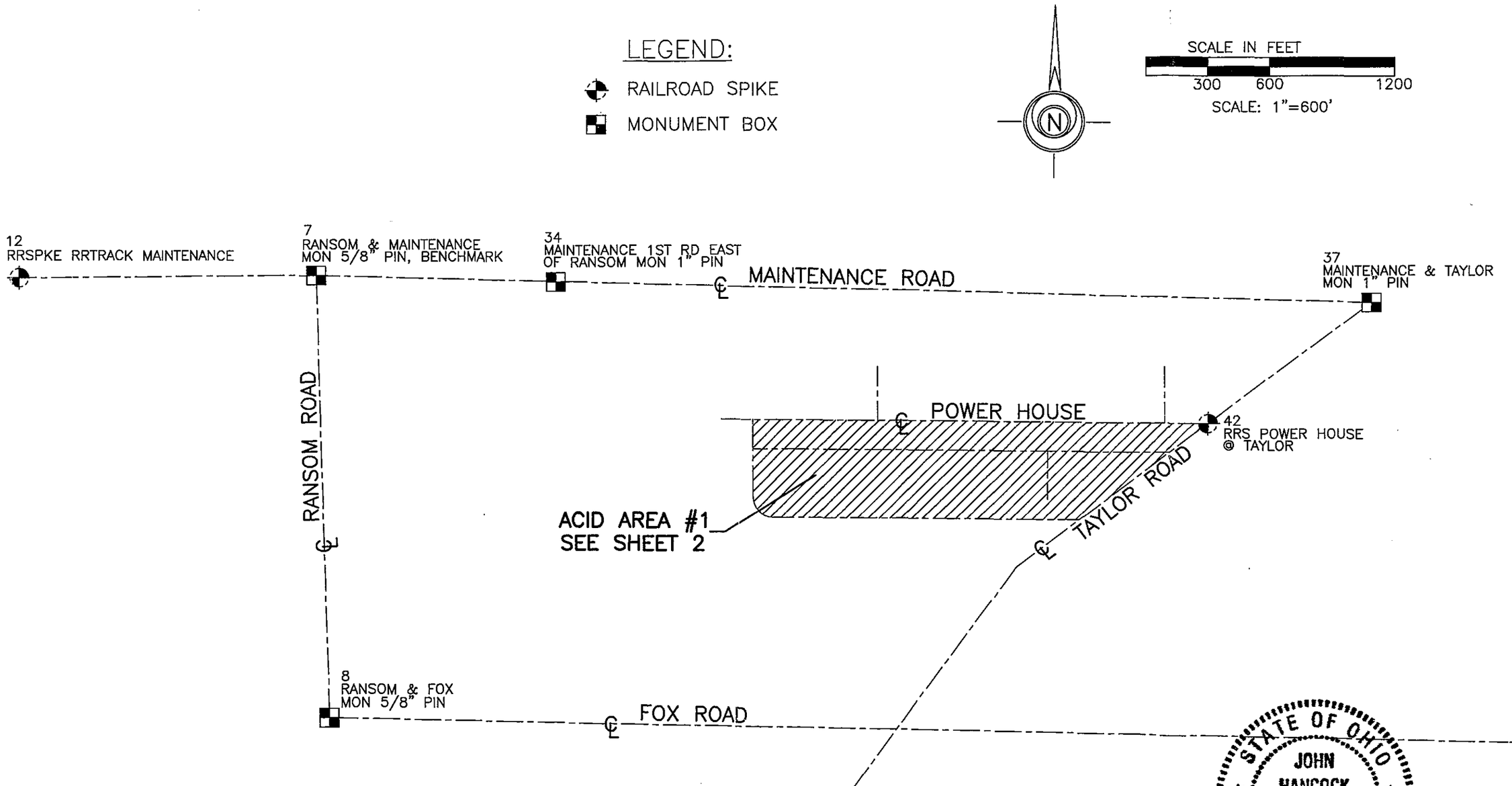
NASA ACID AREA #1 PHASE 3

NORTHING	EASTING	ELEVATION	POINT NUMBER	DESCRIPTION
623265.7662	1918362.5979	629.27		SW-12
622847.3611	1918590.2040	639.33		SW-13
623010.7307	1918711.3161	634.49		SW-14
622808.7158	1919101.1323	637.26		SW-15
622427.1880	1918565.0613	644.57		BEDGW-002 (TOP OF PIPE ELEV. = 646.42)
622790.6914	1917914.8078	639.40		BEDGW-003 (TOP OF PIPE ELEV. = 641.40)
623142.3181	1916999.9350	639.12		BEDGW-004 (TOP OF PIPE ELEV. = 641.39)
622588.5083	1918546.6516	642.79		GW-003 (TOP OF PIPE ELEV. = 644.82)
622790.2476	1917881.2298	639.34		GW-004 (TOP OF PIPE ELEV. = 641.65)
622666.9717	1917033.2317	639.66		GW-005 (TOP OF PIPE ELEV. = 641.81)

NOTE:

NORTHING/EASTING LISTED IN NAD '83 HORIZONTAL DATUM CONSISTENT WITH STATE PLANE CONTROL MONUMENTS NO. 7 & 31, NASA - PLUM BROOK HORIZONTAL CONTROL

ELEVATIONS ARE NGVD 1929 VERTICAL DATUM (ERIE COUNTY DATUM) CONSISTENT WITH NASA PLUM BROOK VERTICAL CONTROL.



JOB NO.:	145504
DRN BY:	ABE
FILE NO.:	1455-AA1-CONTROL
DATE:	4/24/07
SCALE:	1"=600'
SHEET NO.:	1 OF 2

ACID AREA #1 CONTROL

JACOBS ENGINEERING

NASA PLUM BROOK STATION

PERKINS TOWNSHIP, ERIE COUNTY, OHIO

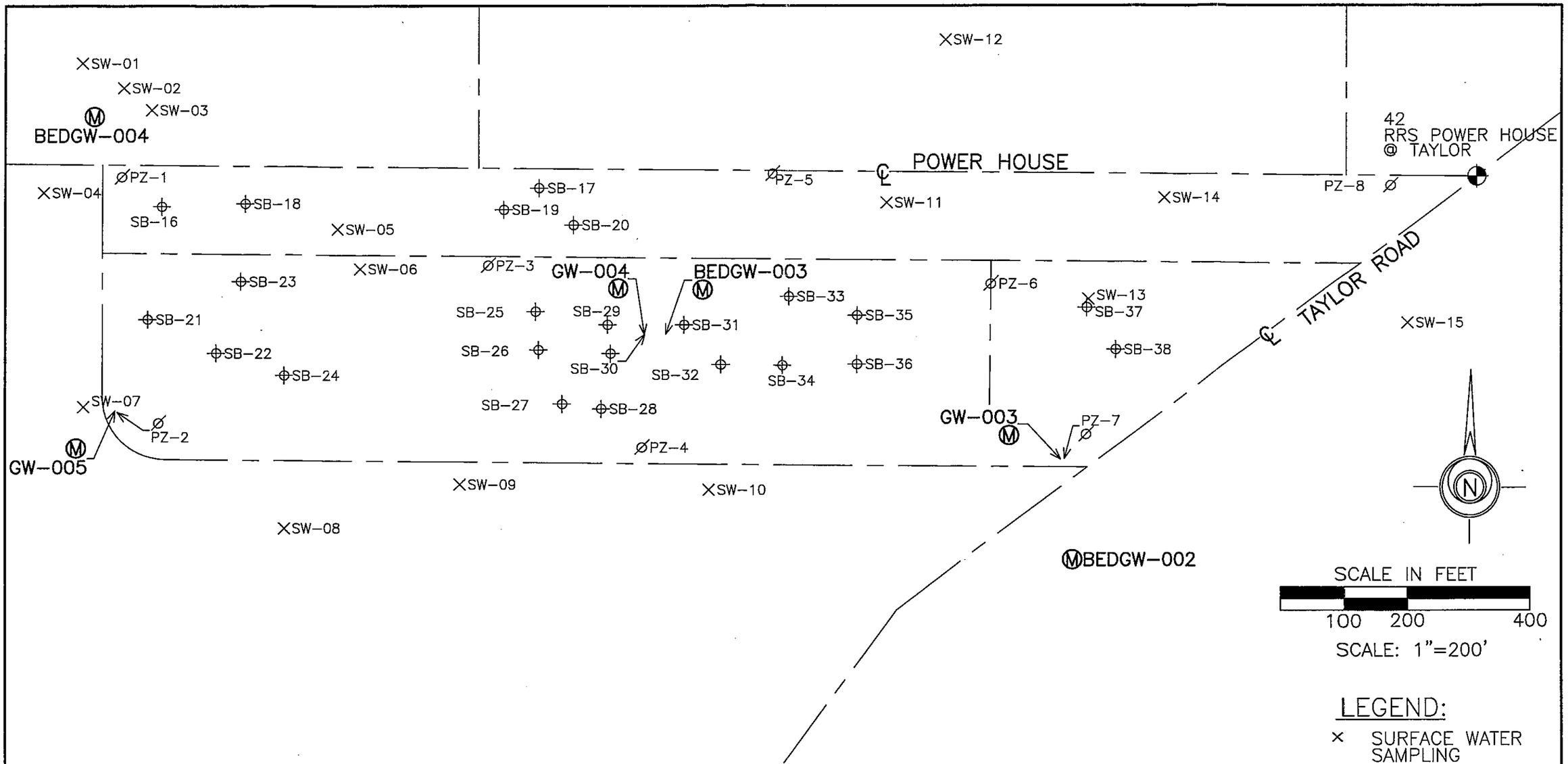
John Hancock & Associates

INCORPORATED
ENGINEERS - SURVEYORS
326 E. MARKET ST. SANDUSKY, OHIO 44870
(419) 625-7838

STATE OF OHIO
JOHN HANCOCK
S-6918
REGISTERED SURVEYOR

REVISED 7/26/07

4/24/07



JOB NO.:	145504
DRN BY:	ABE
FILE NO.:	1455-AA1-PH3
DATE:	7/26/07
SCALE:	1"=200'
SHEET NO.:	2 OF 2

ACID AREA #1 PHASE 3

JACOBS ENGINEERING

NASA PLUM BROOK STATION

PERKINS TOWNSHIP, ERIE COUNTY, OHIO

John Hancock & Associates
INCORPORATED
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326 E. MARKET ST. SANDUSKY, OHIO 44870
(419) 625-7838

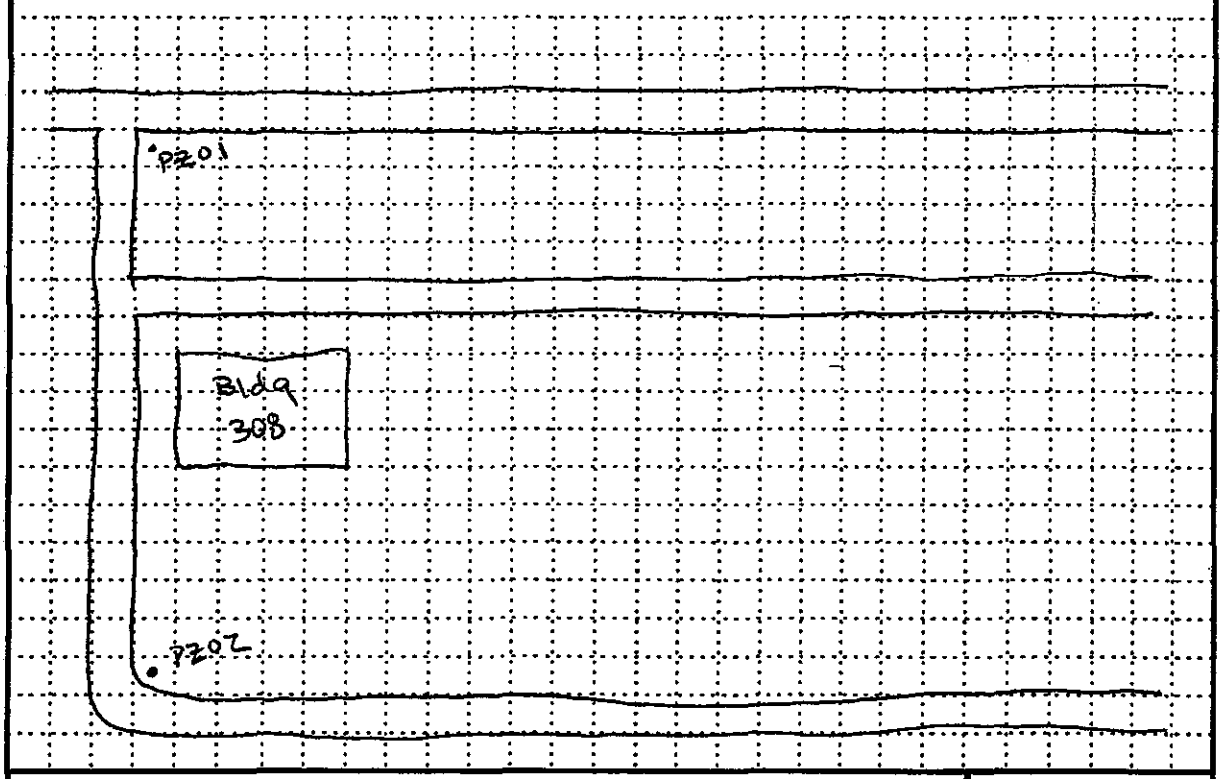
Appendix D

Piezometer and Monitoring Well Boring Logs

HTRW DRILLING LOG

DISTRICT	USACE- Nashville
HOLE NUMBER	PZ01
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET / SHEETS	1 OF 3
3. PROJECT	Acid Area 1 RI
4. LOCATION	AA1 - PZ01
5. NAME OF DRILLER	Mike Drouhard
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2 1/4" OD rods 1 1/4" soil core
8. HOLE LOCATION	AA1 - PZ01
9. SURFACE ELEVATION	N/A Stick-up 2'-9"
10. DATE STARTED	4-21-07
11. DATE COMPLETED	4-21-07
12. OVERBURDEN THICKNESS	25.5'
13. DEPTH DRILLED INTO ROCK	0.5'
14. TOTAL DEPTH OF HOLE	26'
15. DEPTH GROUNDWATER ENCOUNTERED	
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	see logbook
18. GEOTECHNICAL SAMPLES	none; DISTURBED; UNDISTURBED
19. TOTAL NUMBER OF CORE BOXES	N/A
20. SAMPLES FOR CHEMICAL ANALYSIS	none; VOC; METALS; OTHER (SPECIFY); OTHER (SPECIFY); OTHER (SPECIFY)
21. TOTAL CORE RECOVERY	%
22. DISPOSITION OF HOLE	1" PVC piezometer; BACKFILLED; MONITORING WELL; OTHER (SPECIFY)
23. SIGNATURE OF INSPECTOR	

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	35BH9308
HOLE NO.	PZ01

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: PZ01

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 3 SHEETS

ELEV. (4)	DEPTH (5)	DESCRIPTION OF MATERIALS (4)	FIELD SCREENING RESULTS (4)	UNDISTURBED SAMPLE OR CORE BOX NO. (4)	ANALYTICAL SAMPLE NO. (7)	BLOW COUNT (8)	REMARKS (9)
	1	0"-3", OL, organic clay, dark brown (10YR, 3/1), soft, low plasticity, moist.					
	2	3'-8.5', ML, silt, medium brown (10YR, 4/4), soft to firm, ~~[illegible]~~ AFH,					
	3	moist to wet					
	4						
	5						
	6	increasing clay content from 6.5'-8.5', softer, increasing plasticity.					
	7						
	8						
	9	8.5'-11', CL, clay, medium brown (10YR 5/3) soft, medium plasticity					
	10	moist to wet.					
	11	11'-19.75', CL, clay					
	12	gray (10YR, 5/1), soft, medium to high plasticity					
	13	moist to wet.					
	14						
	15						
	16						
	17						
	18						
	19						
	20	19.75' to 23', CL, clay					

PROJECT: 35BH9308

HOLE NO.: PZ01

ENG FORM 5056A-R, AUG 94 (Proponent: CEOW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: PZ01

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 3 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	21	with sand and silt, gray (10YR, 5/1), soft, wet, med plasticity					
	22	sand lenses from 19.75 to 20' and at					
	23	22' to 22.25'.					
	24	23 - 25.5' CL, clay, gray (10YR, 5/1), hard, low plasticity, dry to moist.					
	25	25.5, Plum Brook shale, blue-gray, friable, dry.					
	26						
	27						
	28	TD - 26'					

PROJECT: 35B49308

HOLE NO.: PZ01

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

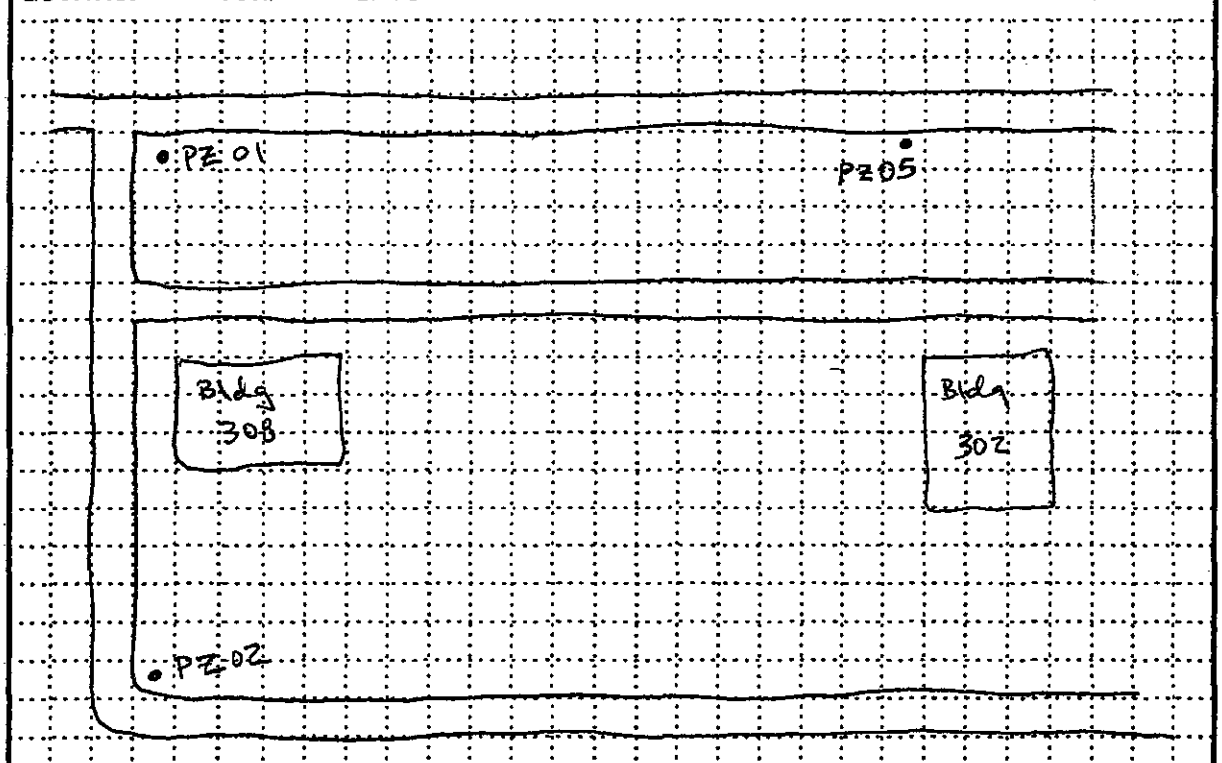
DISTRICT	USACE Nashville
HOLE NUMBER	PZ02
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET	1 OF 3 SHEETS
3. PROJECT	Acid Area 1 RI
4. LOCATION	AA1 - PZ02
5. NAME OF DRILLER	Jeremy LaKrone
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620.
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2"4" OD rods 1"4" soil core
8. HOLE LOCATION	AA1 - PZ02
9. SURFACE ELEVATION	N/A stick-up ~ 1'-7"
10. DATE STARTED	4.21.07
11. DATE COMPLETED	4.21.07
12. OVERBURDEN THICKNESS	23.75'
15. DEPTH GROUNDWATER ENCOUNTERED	
13. DEPTH DRILLED INTO ROCK	0.25'
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE	24'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	see logbook

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			N/A

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
none						

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
1" PVC piezometer				

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE NO.
35BH9308	PZ02

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER PZ02

PROJECT Acid Area 1 RI

INSPECTOR

SHEET 2 of 3 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (3)	FIELD SCREENING RESULTS (4)	DISPOSITION OF SAMPLE OR CONTAINER NO. (5)	ANALYTICAL SAMPLE NO. (6)	BLOW COUNTS (7)	REMARKS (8)
	1, 2, 3, 4	0" - 4.5', OL, organic clay or silt, dark brown (10YR, 2/2), soft, no plasticity, moist					
	5, 6	4.5' - 6', ML/SM, silt and fine sand, light brown (10YR, 5/4), soft, wet to saturated.					
	7	6' - 7', ML, silt, dark brown (10YR, 3/2), firm to hard, no plasticity, moist.					
	8, 9	7' - 9', ML, silt w/clay, medium to dark brown (10YR, 5/2), firm, low plasticity, moist.					
	10, 11, 12, 13, 14, 15	9' - 15.75', CL, clay, medium brown (10YR, 4/2) firm, med plasticity, moist.					
	16, 17, 18, 19, 20	15.75 - 19.75', CL, clay gray (10YR, 5/1), soft to firm, medium to high plasticity, moist Some angular rock fragments at 19.5' sand lense 19.25'-19.5'.					

PROJECT 35 BA9308

HOLE NO. PZ02

ENG FORM 5056A-R, AUG 94 (Proponent: CEOW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: PZ02

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 3 of 3 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (3)	FIELD SCREENING RESULTS (4)	GEOTECH SAMPLE OR CORE BOX NO. (5)	ANALYTICAL SAMPLE NO. (6)	BLOW COUNT (7)	REMARKS (8)
	21	19.75 - 23.75, CL, clay (10YR, 5/1), w/ angular rock fragments, firm to hard, moist to dry.					
	22						
	23						
	24	23.75-24.0 - Plum Brook Shale, blue-gray, friable, dry					
		TD - 24'					

PROJECT: 35BH9308

HOLE NO. PZ02

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

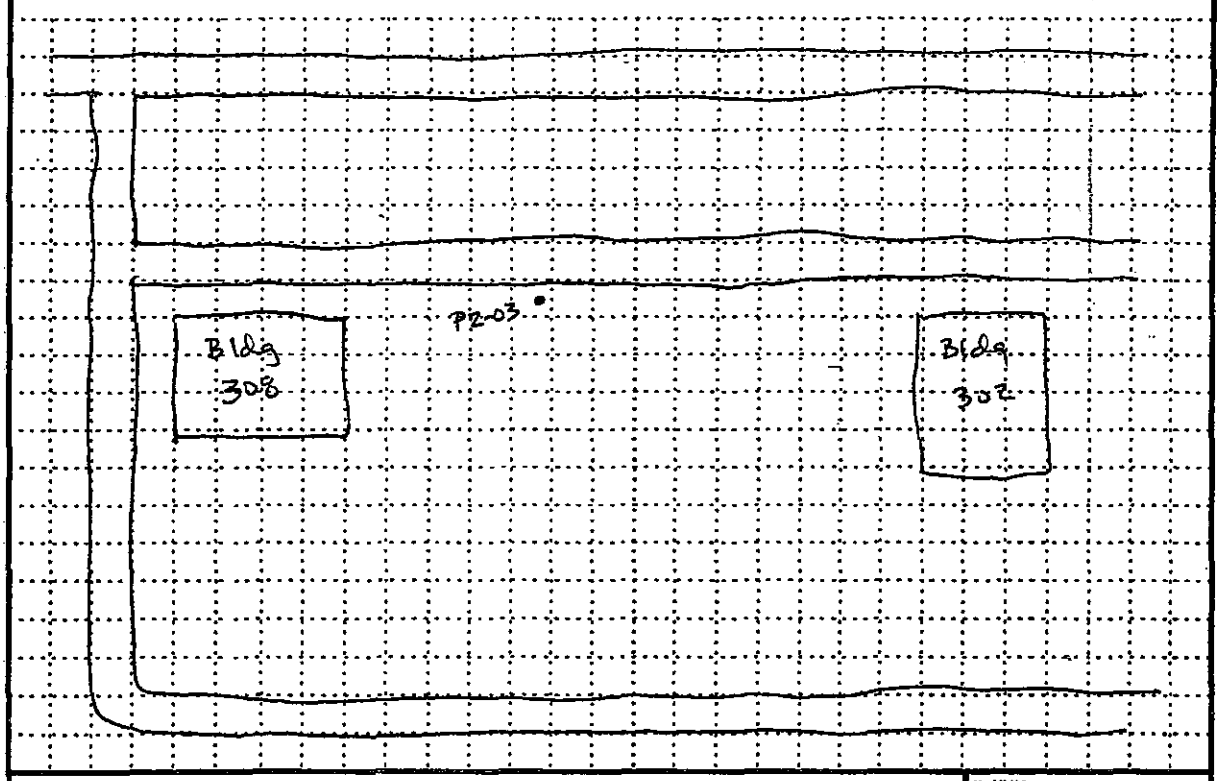
HTRW DRILLING LOG	DISTRICT USACE - Nashville	HOLE NUMBER PZ-03
1. COMPANY NAME Jacobs Engineering	2. DRILLING SUBCONTRACTOR Frontz Drilling	SHEET 1 OF 3 SHEETS
3. PROJECT Acid Area 1 RI	4. LOCATION AA1-PZ03	
5. NAME OF DRILLER Jeremy LeKrone	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 1/4" OD rods 1 1/4" soil core	8. HOLE LOCATION AA1-PZ03	
	9. SURFACE ELEVATION N/A stick-up 1'-3"	
	10. DATE STARTED 4.19.07	11. DATE COMPLETED 4.19.07
12. OVERBURDEN THICKNESS 24.25'	15. DEPTH GROUNDWATER ENCOUNTERED N/A	
13. DEPTH DRILLED INTO ROCK 0.25'	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE 24.5'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) see logbook	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
none						

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
1" PVC piezometer				

LOCATION SKETCH/COMMENTS SCALE:



PROJECT 35BH9308	HOLE NO. PZ-03

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: PZ03

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 3 SHEETS

ELEV. (4)	DEPTH (5)	DESCRIPTION OF MATERIALS (6)	FIELD SCREENING RESULTS (7)	GEOTECH SAMPLE OR CORE BOX NO. (8)	ANALYTICAL SAMPLE NO. (9)	BLOW COUNT (10)	REMARKS (11)
	1	0"-10", OL, organic clay, dark brown (10YR, 3/1), soft, no plasticity, moist.					
	2						
	3	10"-5', ML, silt, some fine sand, medium brown (10YR, 3/4), soft, loose, moist					
	4						
	5	5'-11', CL, clay no silt, medium brown, (10YR, 4/3), firm, medium plasticity, moist.					
	6						
	7						
	8						
	9						
	10						
	11	11'-15.25', CL, clay gray (10YR, 5/1), firm medium plasticity, moist.					
	12						
	13						
	14						
	15						
	16	15.25'-16', ML, silt, gray (10YR, 5/1), firm moist.					
	17	16'-18', CL, clay, gray (10YR, 5/1), soft medium to high plasticity moist.					
	18						
	19	18'-24.25', CL, clay, gray (10YR, 5/1) with angular rock fragments					
	20						

PROJECT: 35BH9308

HOLE NO.: PZ03

ENG FORM 5056A-R, AUG 84 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER PZ03

PROJECT Acid Area 1 RI

INSPECTOR

SHEET 3 OF 3 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (3)	FIELD SCREENING RESULTS (4)	GEOTECH SAMPLE OR CORE BOX NO. (5)	ANALYTICAL SAMPLE NO. (6)	BLOW COUNT (7)	REMARKS (8)
	21	rock fragments increase with depth, hard, low plasticity, moist to dry.					
	22						
	23						
	24						
	25	24.25 - 24.5' Plum Brook shale, blue gray, friable, dry.					
	26						
	27						
	28	TD - 24.5'					
	29						
	30						

PROJECT 35B149308

HOLE NO. PZ03

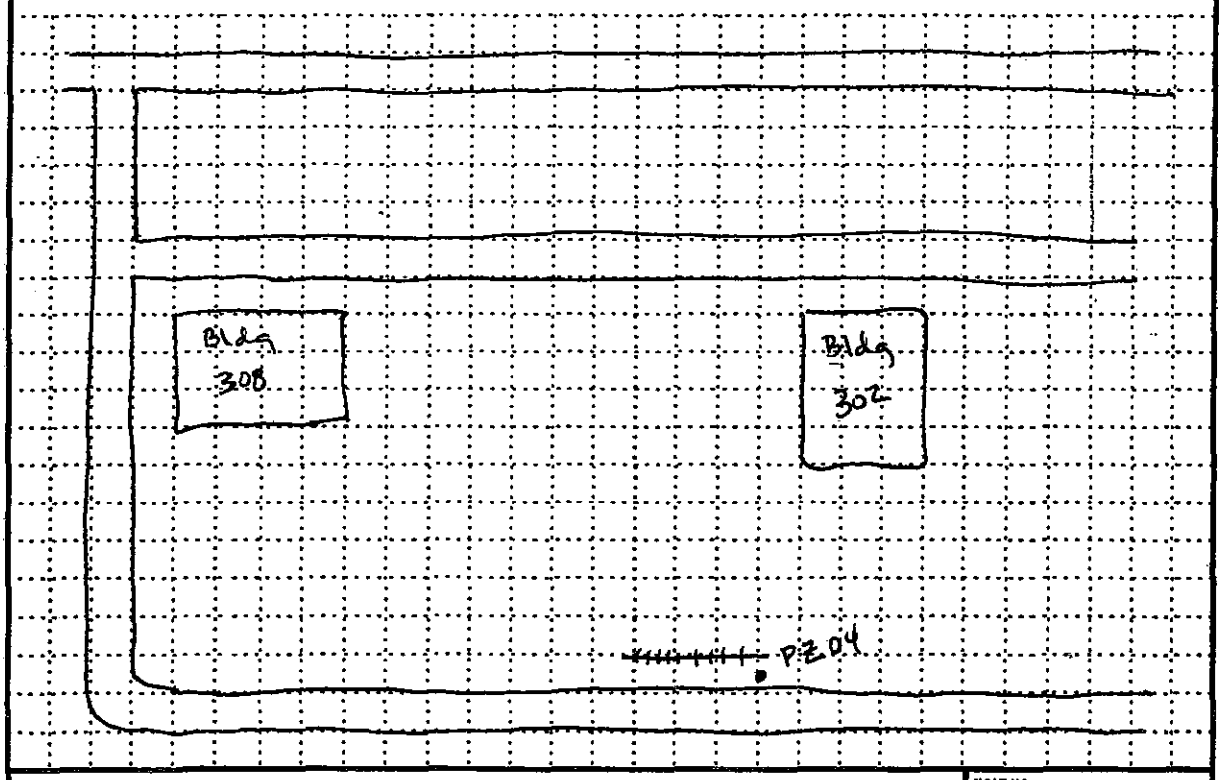
ENG FORM 5056A-R, AUG 94 (Proponent: CEOHF-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

DISTRICT	USACE - Nashville
HOLE NUMBER	PZ04
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET / OF SHEETS	1 of 3
3. PROJECT	Acid Area 1 RI
4. LOCATION	piezometer AA1 PZ04
5. NAME OF DRILLER	Jeramy LaKrone
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2 1/4" OD rods 1 1/4" soil core
8. HOLE LOCATION	AA1 - PZ04
9. SURFACE ELEVATION	N/A Stick-up 1', 1 1/2"
10. DATE STARTED	4-19-07
11. DATE COMPLETED	4-19-07
12. OVERBURDEN THICKNESS	20.25'
13. DEPTH DRILLED INTO ROCK	0.75'
14. TOTAL DEPTH OF HOLE	21'
15. DEPTH GROUNDWATER ENCOUNTERED	
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	see log book
18. GEOTECHNICAL SAMPLES	None; DISTURBED; UNDISTURBED
19. TOTAL NUMBER OF CORE BOXES	N/A
20. SAMPLES FOR CHEMICAL ANALYSIS	None; VOC; METALS; OTHER (SPECIFY); OTHER (SPECIFY); OTHER (SPECIFY)
21. TOTAL CORE RECOVERY	%
22. DISPOSITION OF HOLE	1" PVC piezometer; BACKFILLED; MONITORING WELL; OTHER (SPECIFY)
23. SIGNATURE OF INSPECTOR	

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	35BH9308
HOLE NO.	PZ04

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: PZ-04

PROJECT: Acid Area 1 - RI

INSPECTOR:

SHEET 2 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
1		0"-9", OL, organic clay, w/ black cinders (10YR 2/1) loose, dry to moist					
2		9"-5', ML, silt, med. brown (10YR, 4/3), firm to soft, moist.					
3							
4							
5		5'-7', CL, clay, medium brown (10YR, 4/3), soft, med. plasticity, moist.					
6							
7		7'-20.25', CL, clay grey (10YR, 5/1), firm to soft from 7' to 15.5', firm to hard from 15.5'-20.25', medium plasticity					
8							
9							
10							
11							
12							
13							
14							
15							
16							
17		occassional rock fragments (angular) starting at 18' and increasing in abundance to top of bedrock.					
18							
19							
20							

PROJECT: 35BH9308

HOLE NO. PZ-04

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: PZ-04

PROJECT: Acid Area 1 - RI

INSPECTOR:

SHEET 3 OF 3 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (3)	FIELD SCREENING RESULTS (4)	SAMPLE NO. (5)	ANALYTICAL SAMPLE NO. (6)	BLOW COUNT (7)	REMARKS (8)
		20.25' - 21', Plum Brook Shale, friable, loose.					
		TD - 21'					

PROJECT: 35BH9308

HOLE NO. PZ-04

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

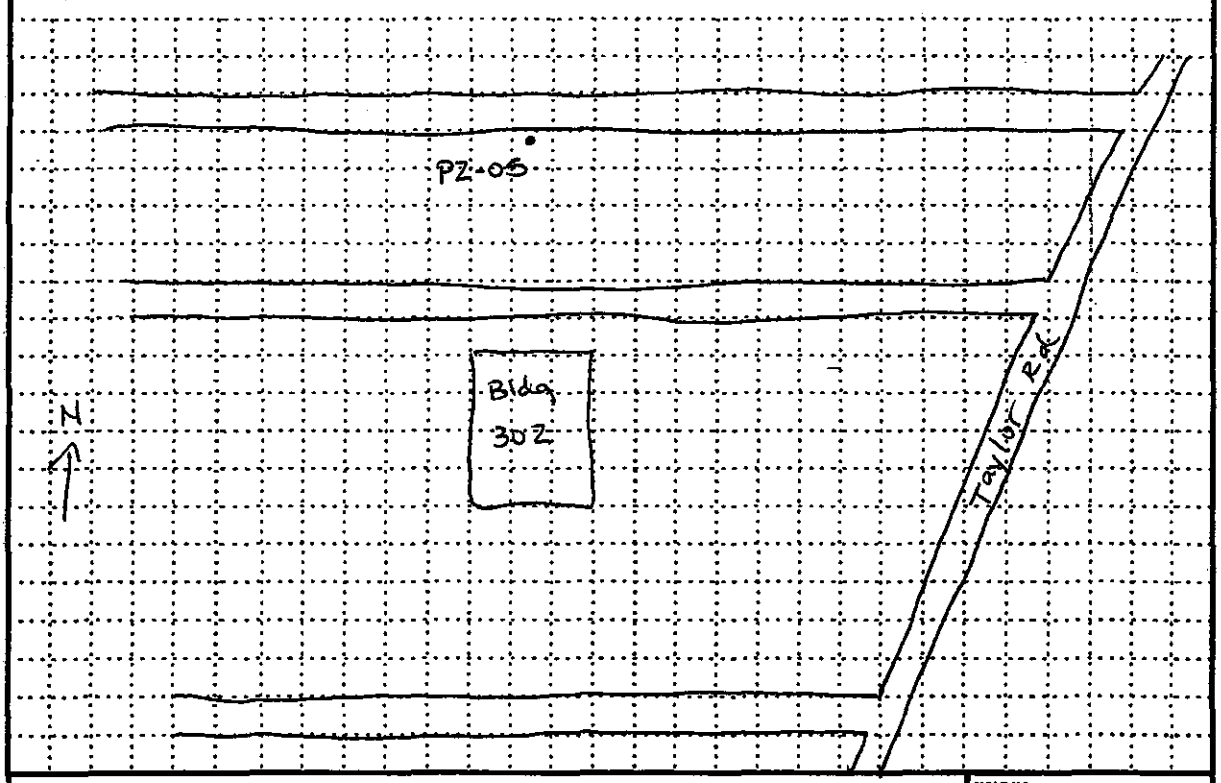
DISTRICT	USACE - Nashville
HOLE NUMBER	PZ05
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET / OF SHEETS	1 OF 3
3. PROJECT	Acid Area 1 RI
4. LOCATION	AA1 - PZ05
5. NAME OF DRILLER	~~Jeremy~~ AFH Mike Drouhard
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2 1/4" OD rods 1 1/4" soil core
8. HOLE LOCATION	AA1 - PZ05
9. SURFACE ELEVATION	N/A stick-up 2'-8"
10. DATE STARTED	4-21-07
11. DATE COMPLETED	4-21-07
12. OVERBURDEN THICKNESS	23'
15. DEPTH GROUNDWATER ENCOUNTERED	
13. DEPTH DRILLED INTO ROCK	0.25'
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE	23.25'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	see logbook

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			N/A

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
none						

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
1" PVC piezometer				

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE NO.
35BH9308	PZ05

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

PROJECT: Acid Area 1 RI | INSPECTOR: | HOLE NUMBER: PZ05 | SHEET 2 OF 3 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (3)	FIELD SCREENING RESULTS (4)	GEOTECH SAMPLE OR CORE BOX NO. (5)	ANALYTICAL SAMPLE NO. (6)	BLOW COUNT (7)	REMARKS (8)
	1	0" - 2" OL, organic clay, dark brown (10YR, 3/1) soft, low plasticity, moist.					
	2	2"-10", gravel, 1/4" to 1/2" diameter.					
	3	10" - 5', ML, silt, medium brown (10YR, 4/3), soft to firm, moist					
	4						
	5	5'-5.5', CL, clay with silt, medium brown (10YR, 4/2), soft, med plasicity, moist to wet.					
	6						
	7	5.5'-6.0', ML, silt, medium brown (10YR 4/3) firm, low plasticity, wet.					
	8						
	9	6.0-9.0', CL, silty clay, medium brown (10YR, 4/2) grading to gray (10YR, 5/1) soft, medium plasticity, wet to moist.					
	10						
	11						
	12	9.0' - 16.0, CL, clay, gray (10YR, 5/2), soft, medium plasticity, moist to wet.					
	13						
	14						
	15						
	16						
	17	16.0' - 23', CL, clay with rock fragments, angular, 1/8" to 1/4" diameter, gray (10YR, 5/1), hard low plasticity, moist to dry					
	18						
	19						
	20						

PROJECT: 35BH9308 | HOLE NO.: PZ05

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: PZ05

PROJECT: Acid Areal RI

INSPECTOR:

SHEET 3 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	21	CL, clay continued					
	22						
	23	23'-23.25', Plum Brook					
	24	Shale, blue gray, friable, dry.					
		TD - 23.25'					

PROJECT: 35 BH9308

HOLE NO.: PZ05

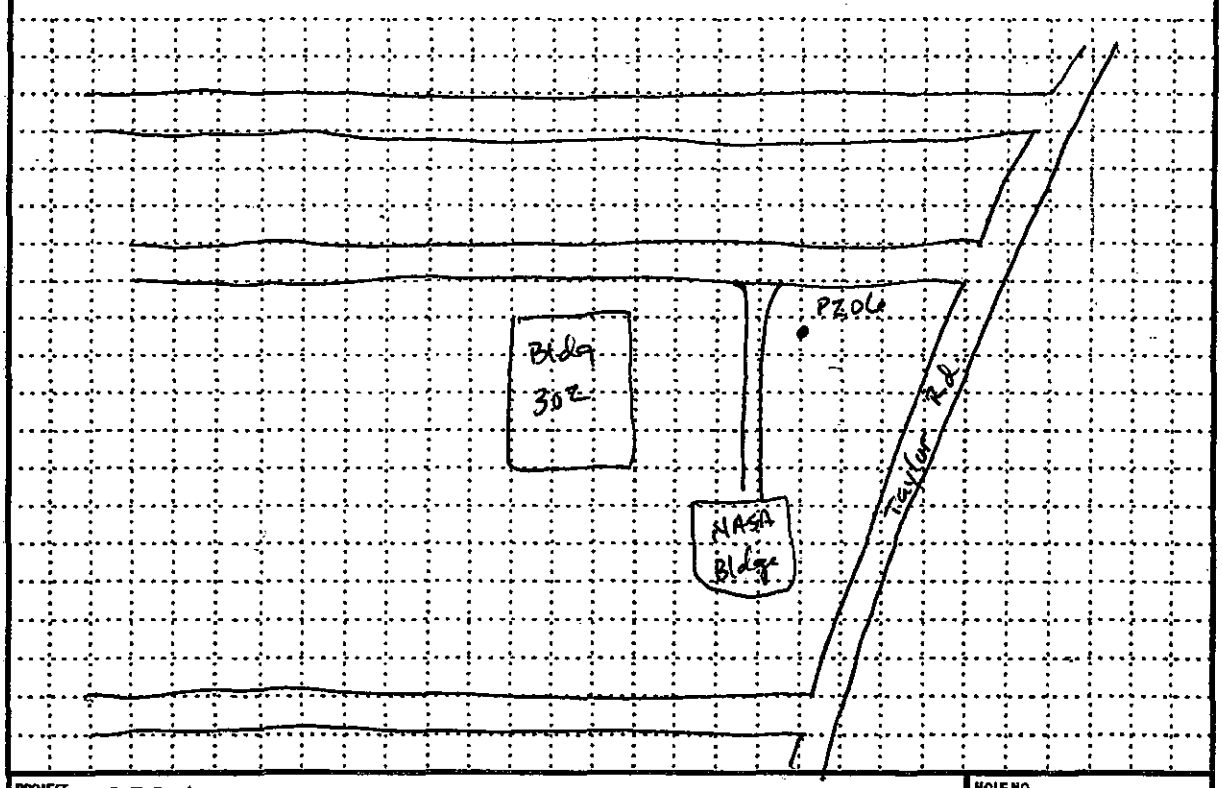
ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

DISTRICT	USACE - Nashville
HOLE NUMBER	PZ-06
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Fruitz Drilling
SHEET / OF SHEETS	1 OF 2
3. PROJECT	Acid Area 1 RI
4. LOCATION	AA1 - PZ06
5. NAME OF DRILLER	Jeremy Lekrone
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2 1/4" OD Rods 1 1/4" soil core
8. HOLE LOCATION	AA1 - PZ06
9. SURFACE ELEVATION	N/A stick-up 1' 2"
10. DATE STARTED	4.19.07
11. DATE COMPLETED	4.19.07
12. OVERBURDEN THICKNESS	24.0'
15. DEPTH GROUNDWATER ENCOUNTERED	N/A
13. DEPTH DRILLED INTO ROCK	0.5'
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	N/A
14. TOTAL DEPTH OF HOLE	24.5'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	see WL correction sheet + logbook
18. GEOTECHNICAL SAMPLES	none
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	N/A
20. SAMPLES FOR CHEMICAL ANALYSIS	none
VOC	
METALS	
OTHER (SPECIFY)	
OTHER (SPECIFY)	
OTHER (SPECIFY)	
21. TOTAL CORE RECOVERY	%
22. DISPOSITION OF HOLE	temp piezometer
BACKFILLED	
MONITORING WELL	
OTHER (SPECIFY)	
23. SIGNATURE OF INSPECTOR	

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	35BH9308
HOLE NO.	PZ 06

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: PZ-06

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 3 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (3)	FIELD SCREENING RESULTS (4)	GEOTECH SAMPLE OR CORE BOX NO. (5)	ANALYTICAL SAMPLE NO. (6)	BLOW COUNT (7)	REMARKS (8)
1		0"-9", OL, organic clay, dark brown (10YR, 2/2) soft-loose, moist.					
2		9"-18", CL, clay, dark brown (10YR, 3/2) firm, med plasticity to low plasticity, moist					
3							
4		1.5'-7', ML, silt with some fine sand at 6.0-6.5', medium brow (10YR, 4/4), soft, wet.					
5							
6							
7		7'-24', CL, clay, gray (10YR, 4/1), soft to firm, medium plast, wet.					
8							
9							
10							
11							
12		increase to high plasticity from 12' to 19'.					
13							
14							
15							
16		ocassional rock fragments at 16', increasing with depth					
17							
18							
19		firm to hard from 19' to bottom.					
20							

PROJECT: 35BH9308 HOLE NO. PZ06

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: PZ-06

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 3 OF 3 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (3)	FIELD BORING RESULTS (4)	GEOTECH SAMPLE OR CORE BOX NO. (5)	ANALYTICAL SAMPLE NO. (6)	BLOW COUNT (7)	REMARKS (8)
		cb (continued)					
	21						
		increase in angular rock fragments at base.					
	22						
	23						
	24						
		24.0-24.5 Plum Brook shale, blue gray, friable, dry.					
		TD - 24.5'					

PROJECT: 35BH9308

HOLE NO. PZ 06

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

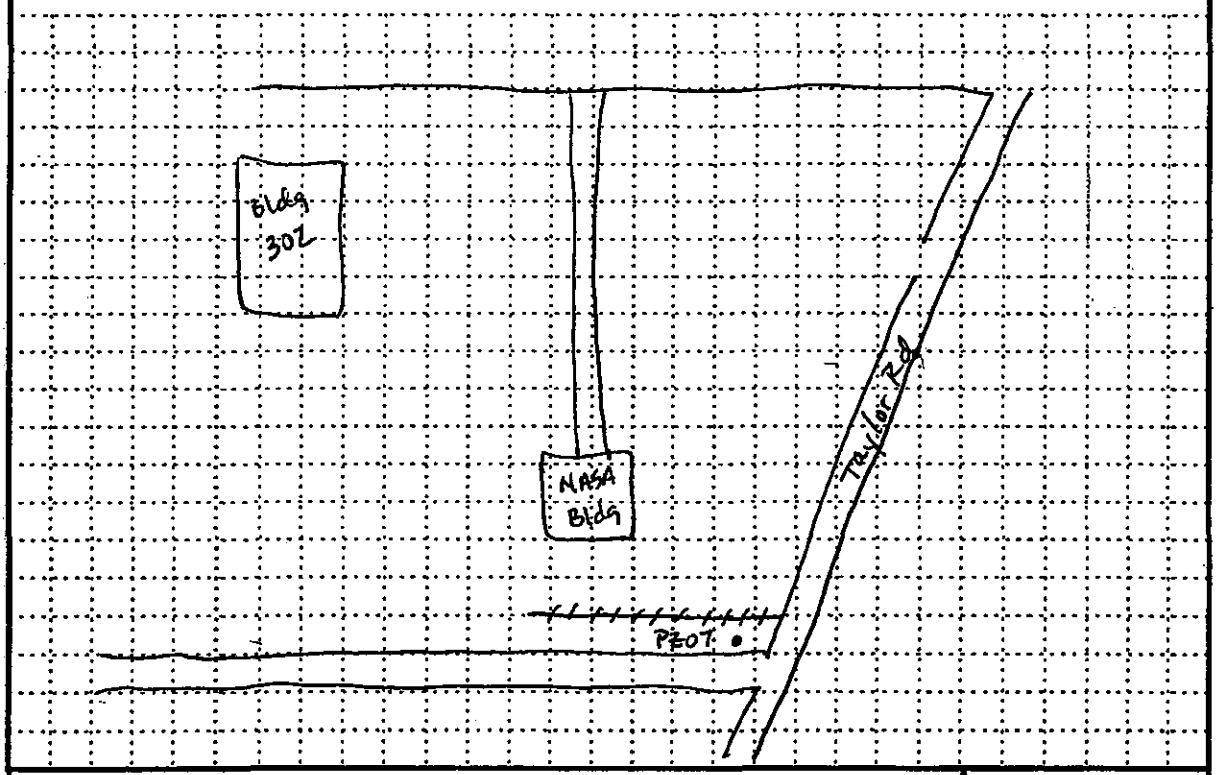
HTRW DRILLING LOG	DISTRICT USACE - Nashville	HOLE NUMBER PZ-07
1. COMPANY NAME Jacobs Engineering	2. DRILLING SUBCONTRACTOR Frontz Drilling	SHEET 1 OF 3 SHEETS
3. PROJECT Acid Area 1 RI	4. LOCATION AA1 - PZ07	
5. NAME OF DRILLER Jeremy Lokrone	6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe 6620	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 2 1/4" OD rods 1 1/4" Soil core	8. HOLE LOCATION AA1 - PZ07	
	9. SURFACE ELEVATION N/A Stick-up 1', 5"	
	10. DATE STARTED 4-20-07	11. DATE COMPLETED 4-20-07
12. OVERBURDEN THICKNESS 24.25'	15. DEPTH GROUNDWATER ENCOUNTERED	
13. DEPTH DRILLED INTO ROCK 0.25'	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE 24.5'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) see log book	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
none						

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR

LOCATION SKETCH/COMMENTS SCALE:



PROJECT 35BH9308	HOLE NO. PZ 07

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER PZ07

PROJECT Acid Area I RI

INSPECTOR

SHEET 2 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE RUN NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	1	0"-4", OL, organic clay, dark brown (10YR, 4/1) soft to firm, low plasticity, moist.					
	2	4"-8.5', ML, silt w/ fine sand, medium brown (10YR, 3/6) grades to light to medium gray at 6.25' (10YR, 4/2) firm, moist.					
	3						
	4						
	5						
	6	wet from 4.5' to 7'					
	7						
	8	grades to a clay from 8.0' to 8.5'					
	9	8.5 - 24.25', CL, gray (10YR, 5/1), soft to firm moist med plasticity,					
	10						
	11	rock fragments at 10'					
	12						
	13						
	14						
	15						
	16						
	17						
	18	rock fragments at 18.0' increasing with depth. firm to hard from 18-24.25'					
	19						
	20						

PROJECT 35BH9308

HOLE NO. PZ-07

ENG FORM 5056A-R, AUG 94

(Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER PZ07

PROJECT Acid Area 1 RI

INSPECTOR

SHEET 3 OF 3 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (3)	FIELD SCREENING RESULTS (4)	GEOTECH SAMPLE OR CORE BOX NO. (5)	ANALYTICAL SAMPLE NO. (6)	BLOW COUNT (7)	REMARKS (8)
		cl (continued)					
	21						
	22						
	23						
	24						
	25	24.25 - 24.5. Plum Brook Shale, blue gray, friable, dry.				—	
		TD - 24.5'					

PROJECT 35BH9308

HOLE NO. PZ07

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-ED)

Figure 5-1 (continued)

HTRW DRILLING LOG

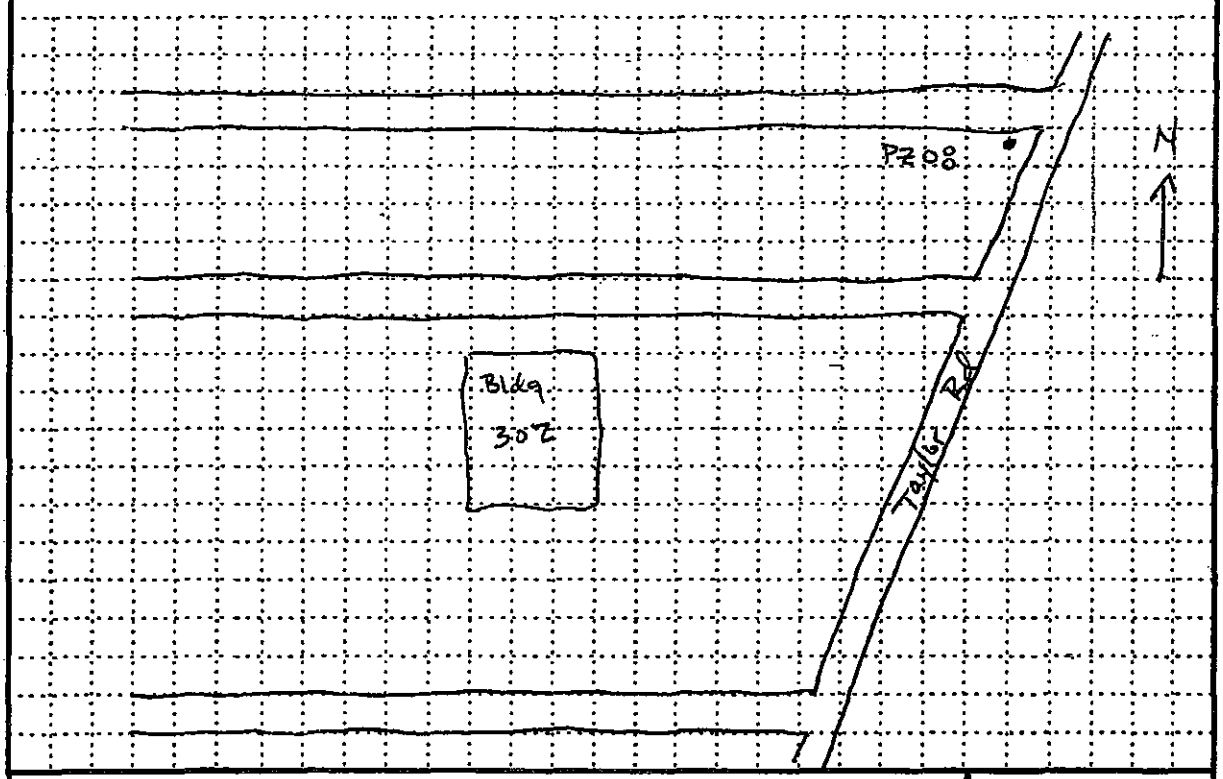
DISTRICT	USACE - Nashville
HOLE NUMBER	PZ 08
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET / SHEETS	1 OF 3
3. PROJECT	Acid Area 1 RI
4. LOCATION	AA1 - PZ08
5. NAME OF DRILLER	Jeremy Lakrone
6. MANUFACTURER'S DESIGNATION OF DRILL	Geoprobe 6620
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2 1/4" OD rods 1 1/4" soil core
8. HOLE LOCATION	AA1 - PZ08
9. SURFACE ELEVATION	Stick-up 1'-11"
10. DATE STARTED	4-20-07
11. DATE COMPLETED	4-20-07
12. OVERBURDEN THICKNESS	23.25'
13. DEPTH DRILLED INTO ROCK	0.25'
14. TOTAL DEPTH OF HOLE	23.5'
15. DEPTH GROUNDWATER ENCOUNTERED	
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	see logbook

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
none			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
none						

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	35BH9308
HOLE NO.	PZ08

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: PZ08

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 2 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	PROTECTION SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	1	0"-12", organic silt, dark brown to black (10YR, 3/1), soft, moist					
	2	1'-9', ML, silt, medium brown (10YR, 4/3), soft wet					
	3	dark brown from 2'-2.75', (10YR, 3/2)					
	4						
	5	dark gray to black from 6.5'-8' (10YR, 2/2),					
	6						
	7						
	8	increasing clay content toward bottom.					
	9	9-23.25', CL, clay grey (10YR, 5/1), soft to 10.5', firm to hard 10.5-23.25', medium to low plasticity, moist.					
	10						
	11						
	12						
	13	occasional angular rock fragments from 13.5' increasing with depth.					
	14						
	15						
	16						
	17						
	18						
	19						
	20						

PROJECT: 35849308

HOLE NO. PZ08

ENG FORM 5058A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER PZ08

PROJECT Acid Area 1 RI

INSPECTOR

SHEET 3 OF 3 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (3)	FIELD FOREMAN REMARKS (4)	DISTURB. SAMPLE OR CORE BOX NO. (5)	ANALYTICAL SAMPLE NO. (6)	BLOW COUNT (7)	REMARKS (8)
		clay, (cont.)					
	21						
	22						
	23						
	24	23.25 - 23.5', Plum Brown shale, blue-gray, friable, dry.					
		TD - 23.5					

PROJECT 35BH9308

HOLE NO. PZ08

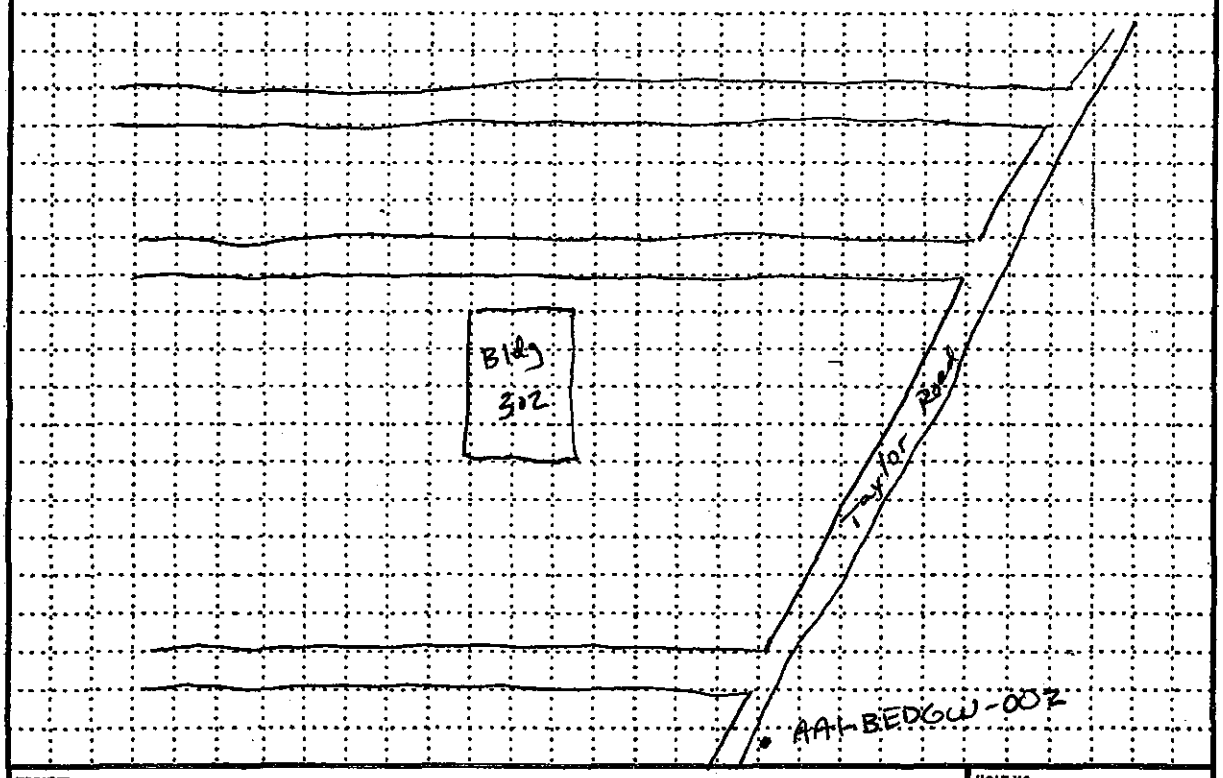
ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

DISTRICT	USACE Nashville
HOLE NUMBER	AA1-BEDGW-002
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	
SHEET	1 OF 5 SHEETS
3. PROJECT	Acid Area 1 RI
4. LOCATION	AA1-BEDGW-002
5. NAME OF DRILLER	Ron Tucker
6. MANUFACTURER'S DESIGNATION OF DRILL	Ingersoll Rand IRTH60
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	9" roller cone bit 4 7/8" OD, 2" ID coring bit
8. HOLE LOCATION	AA1-BEDGW-002
9. SURFACE ELEVATION	
10. DATE STARTED	6-15-07
11. DATE COMPLETED	6-18-07
12. OVERBURDEN THICKNESS	25.5'
13. DEPTH DRILLED INTO ROCK	39.5'
14. TOTAL DEPTH OF HOLE	65'
15. DEPTH GROUNDWATER ENCOUNTERED	
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	
18. GEOTECHNICAL SAMPLES	DISTURBED / UNDISTURBED
19. TOTAL NUMBER OF CORE BOXES	3
20. SAMPLES FOR CHEMICAL ANALYSIS	VOC / METALS / OTHER (SPECIFY) / OTHER (SPECIFY) / OTHER (SPECIFY)
21. TOTAL CORE RECOVERY	%
22. DISPOSITION OF HOLE	Set 2" PVC well; BACKFILLED / MONITORING WELL: 15' Screen / OTHER (SPECIFY)
23. SIGNATURE OF INSPECTOR	Al Handsoty

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	35H9308
HOLE NO.	AA1-BEDGW-002

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: AA1-BED6W-007

PROJECT: Acid Area 1 RI

INSPECTOR: Al Hardesty

SHEET 2 OF 5 SHEETS

ELEV. (+)	DEPTH (ft)	DESCRIPTION OF MATERIALS (+)	FIELD SCREENING RESULTS (+)	SAMPLE OR CORE BOX NO. (+)	ANALYTICAL SAMPLE NO. (+)	BLOW COUNT (+)	REMARKS (+)
	1	no samples pushed thinble to 4'					Drilled surface materials (overburden) with 9" roller cone bit to 35'
	2						
	3						
	4	4'-8', ML, sandy silt, medium brown (10YR, 4/4), loose, wet.					
	5						
	6						
	7						
	8	8'-10', ML, sandy silt, gray/brown (10YR, 5/2) loose, wet.					
	9						
	10	10'-16', ML, silt, with thin clay layers (10YR, 5/2)					
	11						
	12						
	13						
	14						
	15						Stopped drilling to set 9" surface casing (temporary casing) to prevent cave in of coarse material from 4'-16'.
	16	16'-25.5', CL, clay, with gravel, (angular) firm to soft, medium plasticity, gray (10YR, 5/1), wet.					
	17						
	18						
	19						

PROJECT: 35BH9308

HOLE NO.: AA1-BED6W-007

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: AA1-BEDGW-002

PROJECT: Acid Area 1 RI

INSPECTOR: Al Hardesty

SHEET 3 OF 5 SHEETS

ELEV. (+)	DEPTH (ft)	DESCRIPTION OF MATERIALS (+)	FIELD SCREENING RESULTS (+)	GEOTECH SAMPLE OR CORE BOX NO. (+)	ANALYTICAL SAMPLE NO. (+)	BLOW COUNT (+)	REMARKS (+)
	21						
	22						
	23						
	24						
	25						
	26	25.5 - 46' ; Shale (Plum Brook Shale), gray (10YR, 5/1), thinly bedded, friable, calcareous				—	
	27						Set 6" surface casing to 28'
	28						
	29						
	30						
	31						
	32						
	33						
	34						
	35						35' - Initiate 4 7/8" core bit to TD.
	36			Core Box #1			
	37			35' - ~~46'~~ 45'			
	38						
	39						

PROJECT: 35BH9308

HOLE NO.: AA1-BEDGW-002

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: AAI-BEDOW-002

PROJECT: Acid Area 1 RI

INSPECTOR: Al Hardesty

SHEET 4 OF 5 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (3)	FIELD SCREENING RESULTS (4)	GEOTECH SAMPLE OR CORE BOX NO. (5)	ANALYTICAL SAMPLE NO. (6)	BLOW COUNT (7)	REMARKS (8)
	41						
	42						
	43						
	44						
	45			Core box #2 44.5 to 56.0'			
	46	46' – TD Limestone (Delaware Limestone) light gray (10YR/5/1) shaley layers occasionally at top, massive. Shale interval from 47'-48'				–	lost 2½ during coring from 44.5'-56.0' top of Delaware LS estimated at 46'
	47						
	48						
	49			lost 2½' during coring.			water at 47-48' shaley interval
	50						
	51						
	52						
	53						
	54						water at 55' shaley interval
	55	55'-56' - shaley interval with vugs and increased porosity					
	56						
	57			Core Box #3 56'-65'			
	58						
	59						

PROJECT: 35B49308

HOLE NO.: AAI-BEDOW-002

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: AA1-BEDGW-002

PROJECT: Acid Areal RI

INSPECTOR:

SHEET 5 OF 5 SHEETS

ELEV. (1)	DEPTH (2)	DESCRIPTION OF MATERIALS (3)	FIELD SCREENING RESULTS (4)	GEOTECH SAMPLE OR CORE BOX NO. (5)	ANALYTICAL SAMPLE NO. (6)	BLOW COUNT (7)	REMARKS (8)
				Core Box #3			
	61			56'-65'			petroleum odor + sheen at 62'
	62						
	63						
	64						
	65						
		TD - 65'				—	

PROJECT: 35BH9308

HOLE NO.: AA1-BEDGW-002

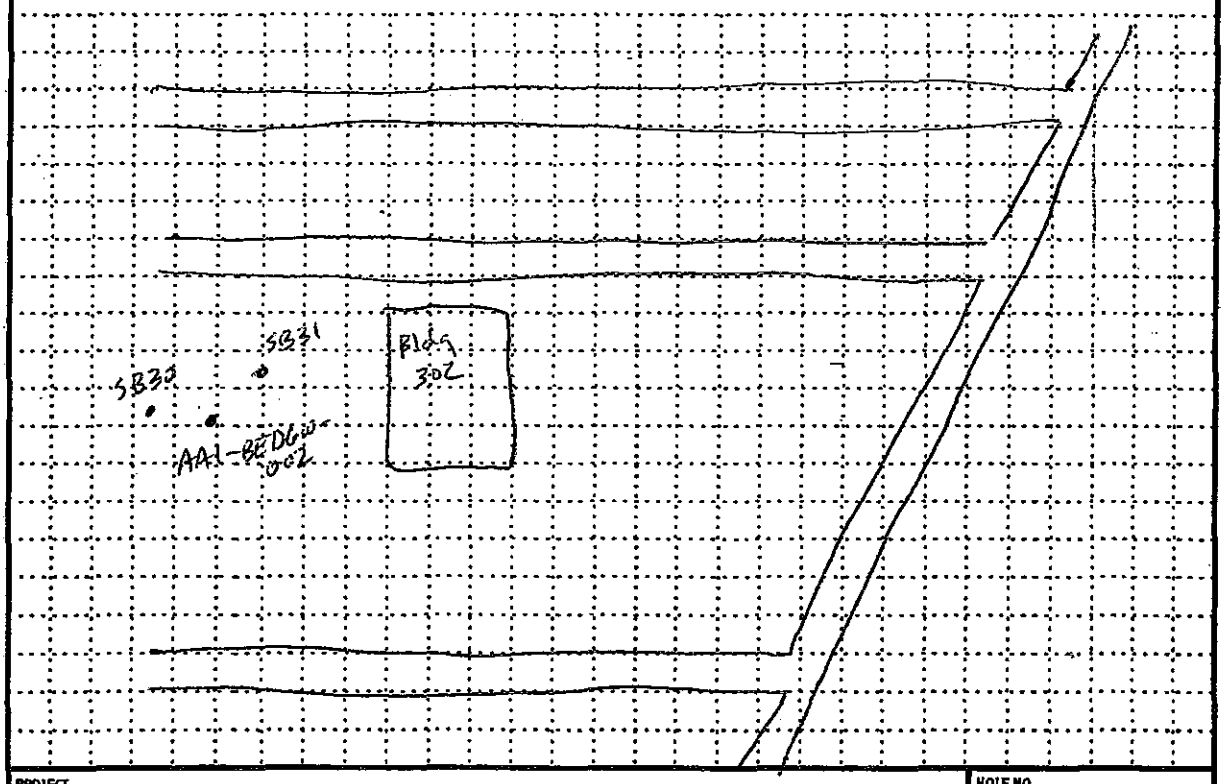
ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

DISTRICT	USACE Nashville
HOLE NUMBER	AAI-BEDGW-003
1. COMPANY NAME	Jacobs Engineering
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET / OF SHEETS	1 of 5
3. PROJECT	Acid Area1 - PBOW
4. LOCATION	AAI-BEDGW-003
5. NAME OF DRILLER	Ron Tucker
6. MANUFACTURER'S DESIGNATION OF DRILL	Ingersoll Rand IRTH 60
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	9" roller cone bit to 28'; 4 7/8" OD coring bit to 65'
8. HOLE LOCATION	AAI-BEDGW-003
9. SURFACE ELEVATION	
10. DATE STARTED	6-14-07
11. DATE COMPLETED	6-15-07
12. OVERBURDEN THICKNESS	21.5'
13. DEPTH DRILLED INTO ROCK	43.5'
14. TOTAL DEPTH OF HOLE	65'
15. DEPTH GROUNDWATER ENCOUNTERED	
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	
18. GEOTECHNICAL SAMPLES	None; DISTURBED; UNDISTURBED
19. TOTAL NUMBER OF CORE BOXES	8 Boxes
20. SAMPLES FOR CHEMICAL ANALYSIS	None; VOC; METALS; OTHER (SPECIFY); OTHER (SPECIFY); OTHER (SPECIFY)
21. TOTAL CORE RECOVERY	%
22. DISPOSITION OF HOLE	Set 2" PVC well; BACKFILLED; MONITORING WELL; OTHER (SPECIFY) 20' screen
23. SIGNATURE OF INSPECTOR	Al Hardesty

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	35B49308
HOLE NO.	AAI-BEDGW-003

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: AA1-BEDGW-003

PROJECT: Acid Area 1 RI

INSPECTOR: Al Hardesty

SHEET 2 OF 5 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	SECTION SAMPLE OR CORE RUN NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	1	Organic silt + clay, 0'-2' dark brown (10YR, 3/1) soft, loose, moist to dry					air rotary - sample of overburden collected w/ steam every 2', 9" roller cone bit coring to begin in bedrock.
	2	2'-6', CL, silty clay, medium brown (10YR, 4/4), soft, low plasticity, moist.					
	3						
	4						
	5						
	6	6-8', CL, clay, minimal silt, medium brown (10YR, 4/4), soft to firm, medium plasticity, moist.					
	7						
	8						
	9	8'-16', CL, clay medium gray (10YR, 5/1) soft, moist, medium plasticity.					
	10						
	11						
	12						
	13						
	14						
	15						
	16	16'-21.5' CL, clay medium gray (10YR, 5/2) firm, low plasticity, dry.					
	17						
	18						
	19						
	20						

PROJECT: 35BH9308

HOLE NO.: AA1-BEDGW-003

ENG FORM 5056A-R, AUG 94 (Proponent: CEOW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: AA1-BEDGW-003

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 3 OF 5 SHEETS

ELEV. (4)	DEPTH (4)	DESCRIPTION OF MATERIALS (4)	FIELD SCREENING RESULTS (4)	SAMPLE OR CORE BOX NO. (4)	ANALYTICAL SAMPLE NO. (4)	BLOW COUNT (4)	REMARKS (4)
	21						continued roller cone bit to 28'.
	22	Plum Brook Shale 21.5 - 37.25', shale blue gray (Gley1, 5/N) friable, thinly bedded laminated, calcareous					pulled out run coring bit to TD.
	23						
	24						set surface casing to 28'
	25						
	26					—	run 4 7/8" OD, 2" ID coring bit to TD
	27						
	28			Core Box #1 28'-33'			
	29						
	30						
	31						
	32						
	33			Core Box #2 33'-38'			
	34						
	35						
	36						
	37						
	38	Delaware Ls, 37.25'-TD, Limestone, w/ thin shale laminate to 39', light to medium gray. Fossiliferous in places.		Core Box #3, 38'-43'			
	39						

PROJECT: 35BH9308

HOLE NO.: AA1-BEDGW-003

ENG FORM 5056A-R, AUG 94 (Proponent: CEOW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: AA1-BEDGW-003

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 4 OF 5 SHEETS

ELEV. (ft)	DEPTH (ft)	DESCRIPTION OF MATERIALS (1)	FIELD FORMAT RESULTS (4)	GEOTECH SAMPLE OR CORE BOX NO. (1)	ANALYTICAL SAMPLE NO. (1)	BLOW COUNT (1)	REMARKS (4)
	41			Core box #3 38'-43'			
	42	making water at 42'					
	43						
	44			Core Box #4 43'-47'			
	45						
	46	46'-47', shaley section, with veys and increased porosity making water					
	47			Core Box #5 47'-52'			
	48	48'-65', massive, numerous stylolytes slight H_2S smell.					
	49						
	50						
	51						
	52			Core Box #6 52'-57'			
	53						
	54						
	55						
	56	H_2S increasing with depth					
	57			Core Box #7 57'-62'			
	58						
	59						

PROJECT: 35BH9300

HOLE NO.: AA1-BEDGW-003

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: AA1-BEDGW-003

PROJECT: 35BH9308

INSPECTOR:

SHEET 5 OF 5 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	61			Core Box #7 57'-62'			
	62						
	63			Core Box #8 62'-65'			
	64						
	65	TD - 65'					

PROJECT: AA1 RI

HOLE NO.: AA1-BEDGW-003

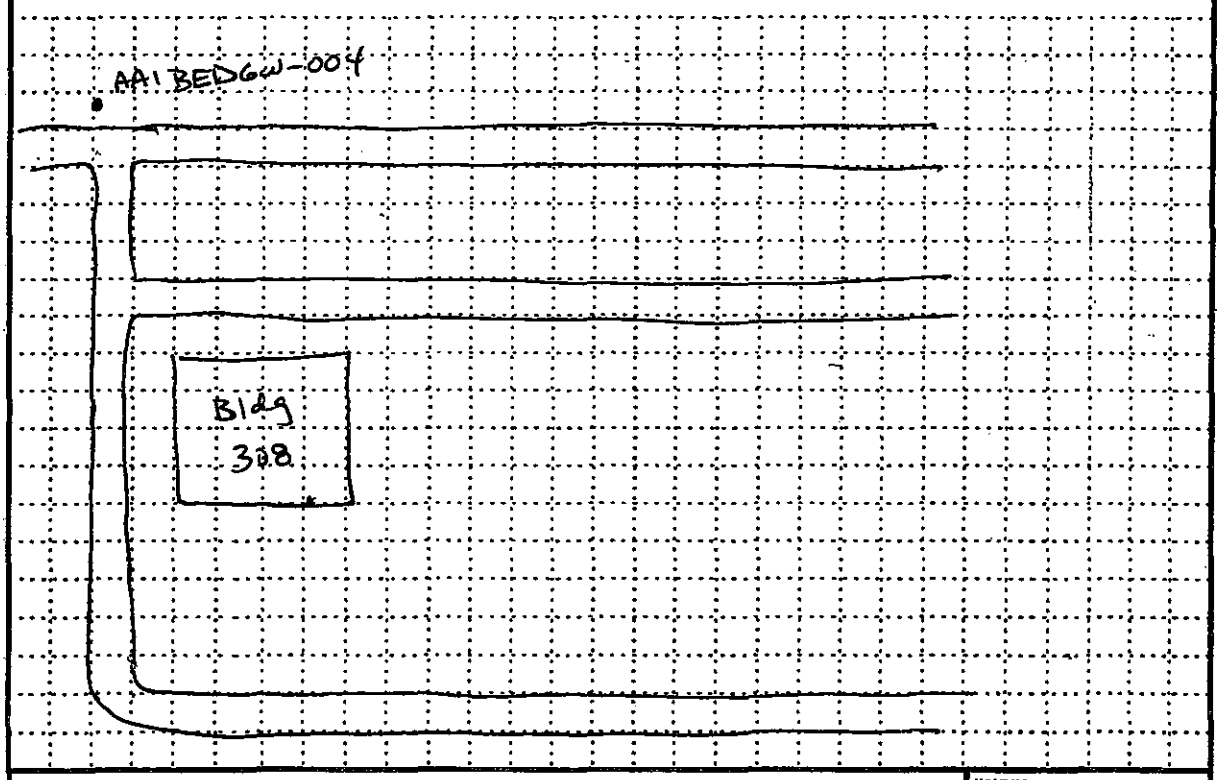
ENG FORM 5056A-R, AUG 94 (Proponent: CEOW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG

DISTRICT	USACE - Nashville
HOLE NUMBER	AAI-BEDGW-004
1. COMPANY NAME	Jacobs Eng.
2. DRILLING SUBCONTRACTOR	Frontz Drilling
SHEET / SHEETS	1 OF 5
3. PROJECT	Acid Area 1 RI
4. LOCATION	Acid Area 1
5. NAME OF DRILLER	Ron Tucker
6. MANUFACTURER'S DESIGNATION OF DRILL	Ingersol Rand TH60
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	9" roller bit to 31' 4 7/8" OD casing bit
8. HOLE LOCATION	AAI-BEDGW-004
9. SURFACE ELEVATION	
10. DATE STARTED	6-18-07
11. DATE COMPLETED	7-23-07
12. OVERBURDEN THICKNESS	26'
15. DEPTH GROUNDWATER ENCOUNTERED	
13. DEPTH DRILLED INTO ROCK	43'
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	
14. TOTAL DEPTH OF HOLE	69'
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	
18. GEOTECHNICAL SAMPLES	None
DISTURBED	
UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES	4 boxes
20. SAMPLES FOR CHEMICAL ANALYSIS	None
VOC	
METALS	
OTHER (SPECIFY)	
OTHER (SPECIFY)	
OTHER (SPECIFY)	
21. TOTAL CORE RECOVERY %	
22. DISPOSITION OF HOLE	Set 2" PVC well
BACKFILLED	
MONITORING WELL	
OTHER (SPECIFY)	
23. SIGNATURE OF INSPECTOR	Al Hardesty

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	35 BH9308
HOLE NO.	AAI-BEDGW-004

Figure 5-1

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: AA1-BEDGW-004
SHEET 2 OF 5 SHEETS

PROJECT: Acid Area 1 RI
INSPECTOR:

ELEV. (3)	DEPTH (2)	DESCRIPTION OF MATERIALS (4)	FIELD SCREENING RESULTS (4)	GEOTECH SAMPLE OR CORE BOX NO. (4)	ANALYTICAL SAMPLE NO. (5)	BLOW COUNT (6)	REMARKS (9)
	1	no recovery placing thimble					Drilled surface material (overburden) with 9" roller cone bit to 31'
	2						
	3						
	4						
	5						
	6	6'-8' ML, silt, loose medium brown (10YR, 4/4) moist.					
	7						
	8	8'-12', ML, silt with some clay, soft, medium brown (10YR, 4/4). moist.					
	9						
	10						
	11						
	12	12'-14', CL, clay, with some silt, gray (10YR 5/1) soft, medium plasticity (moist to wet)					
	13						
	14	14'-26', CL, clay, gray (10YR, 5/1). soft medium plasticity (wet)					
	15						
	16						
	17						
	18						
	19						
	20						

PROJECT: 35BH9308
HOLE NO.: AA1-BEDGW-004

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: AA1-BEDGW-004
SHEET 3 OF 5 SHEETS

PROJECT: Acid Area 1 RI
INSPECTOR:

ELEV. (ft)	DEPTH (ft)	DESCRIPTION OF MATERIALS (4)	FIELD SCREENING RESULTS (4)	GEOTECH SAMPLE OR CORE BOX NO. (4)	ANALYTICAL SAMPLE NO. (7)	BLOW COUNT (8)	REMARKS (9)
	21						
	22	clay has small amount of gravel (angular) at 22', increasing with depth.					
	23						
	24						
	25						
	26	26' - 38', Plum Brook shale, medium gray (10YR/5/1), laminated, thinly bedded, calcareous					
	27						
	28						
	29						
	30						set 6" surface casing to 31'
	31						
	32			core #1 Bot 31'-40'			
	33						
	34						run 4 7/8" OD coring bit to TD
	35						
	36						
	37						
	38						
	39	38 - TD, Delaware Limestone, light gray (10YR, 6/1), shaley					

PROJECT: 35BH9308
HOLE NO.: AA1-BEDGW-004

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER: AA1-BEDGW-004

PROJECT: Acid Area 1 RI

INSPECTOR:

SHEET 4 OF 5 SHEETS

ELEV. (ft)	DEPTH (ft)	DESCRIPTION OF MATERIALS (i)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (i)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	41	intermixed in upper section.		Core #2 Box 1 40'-50'			
	42	Shaley at 42' (making water)					
	43						
	44						
	45						
	46	Shaley at 46' to 47' (making water)				—	
	47	Shaley from 48 to 48.5'					
	48						
	49						
	50	initial beginning of sulfur odor and yellow brown staining at 49'.		Core Box #3 50'-59'			
	51						
	52						
	53						
	54						
	55						
	56						
	57						
	58						
	59			Core Box #4			

PROJECT: 35BH9308

HOLE NO. AA1-BEDGW-004

ENG FORM 5056A-R, AUG 94 (Proponent: CEOM-EG)

Figure 5-1 (continued)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER AA1-BEDGW-004
SHEET 5 of 5 SHEETS

PROJECT Acid Area 1 RI
INSPECTOR

ELEV. (ft)	DEPTH (ft)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	DEPTH/CORE SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	61						
	62			Core #4 Box 1 59'-69'			
	63						
	64						
	65						
	66						
	67						
	68	TD - 69'					
	69						

PROJECT 35BH9308
HOLE NO. AA1-BEDGW-004

ENG FORM 5056A-R, AUG 94 (Proponent: CECW-EG)

Figure 5-1 (continued)

Appendix E

Monitoring Well Construction Diagrams.

WELL CONSTRUCTION DETAILS AND ABANDONMENT FORM

FIELD REPRESENTATIVE: Al Hardesty
DRILLING CONTRACTOR: Frontz Drilling

DRILLING TECHNIQUE: Hollow Stem Auger
AUGER SIZE AND TYPE: 6"/4" HSA

BOREHOLE IDENTIFICATION: AA1-GW003
BOREHOLE DIAMETER: 6"/4"
WELL IDENTIFICATION: AA1-GW003

WELL CONSTRUCTION START DATE: 7.23.07
WELL CONSTRUCTION COMPLETE DATE: 7.23.07

SCREEN MATERIAL: PVC - 0.010 slot
SCREEN DIAMETER: 2"
STRATUM-SCREENED INTERVAL (FT): 5'-10'

CASING MATERIAL: PVC schedule 40
CASING DIAMETER: 2"

TYPE OF FILTER PACK: sand
GRADIATION: 20/40
AMOUNT OF FILTER PACK USED: 180 lbs

TYPE OF BENTONITE: Hole plug - baroid
AMOUNT BENTONITE USED: 80 lbs

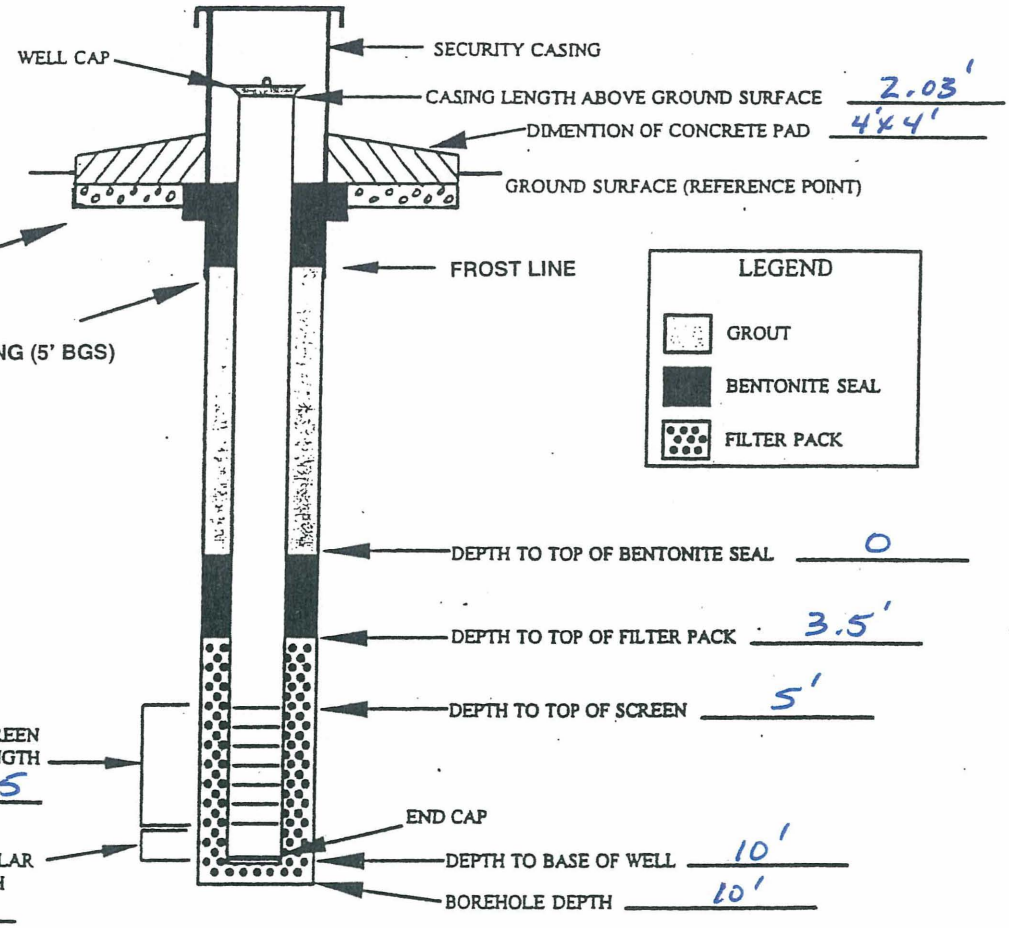
TYPE OF CEMENT: N/A
AMOUNT CEMENT USED: N/A
GROUT MATERIALS USED: N/A

DIMENSIONS OF SECURITY CASING: 6" steel

TYPE OF WELL CAP: J-plug pressure cap
TYPE OF END CAP: 3" threaded

COMMENTS:

SPECIAL CONDITIONS
(describe and draw)



NOT TO SCALE

INSTALLED BY: Rob Hamilton
INSTALLATION OBSERVED BY: Al Hardesty

DISCREPANCIES: Bentonite hole plug to surface - no cement

Figure 5-2

WELL CONSTRUCTION DETAILS AND ABANDONMENT FORM

FIELD REPRESENTATIVE: Al Hardesty

DRILLING CONTRACTOR: Frontz Drilling

DRILLING TECHNIQUE: Hollow Stem Auger
AUGER SIZE AND TYPE: 6"/4" HSA

BOREHOLE IDENTIFICATION: AA1-GW004
BOREHOLE DIAMETER: 6"/4"
WELL IDENTIFICATION: AA1-GW004

WELL CONSTRUCTION START DATE: 7-23-07
WELL CONSTRUCTION COMPLETE DATE: 7-23-07

SCREEN MATERIAL: PVC - 0.010 slot
SCREEN DIAMETER: 2"
STRATUM-SCREENED INTERVAL (FT): 5'-10'

CASING MATERIAL: PVC schedule 40
CASING DIAMETER: 2"

TYPE OF FILTER PACK: sand
GRADIATION: 20/40
AMOUNT OF FILTER PACK USED: 175 lbs

TYPE OF BENTONITE: Hole plug - baroid
AMOUNT BENTONITE USED: 85 lbs

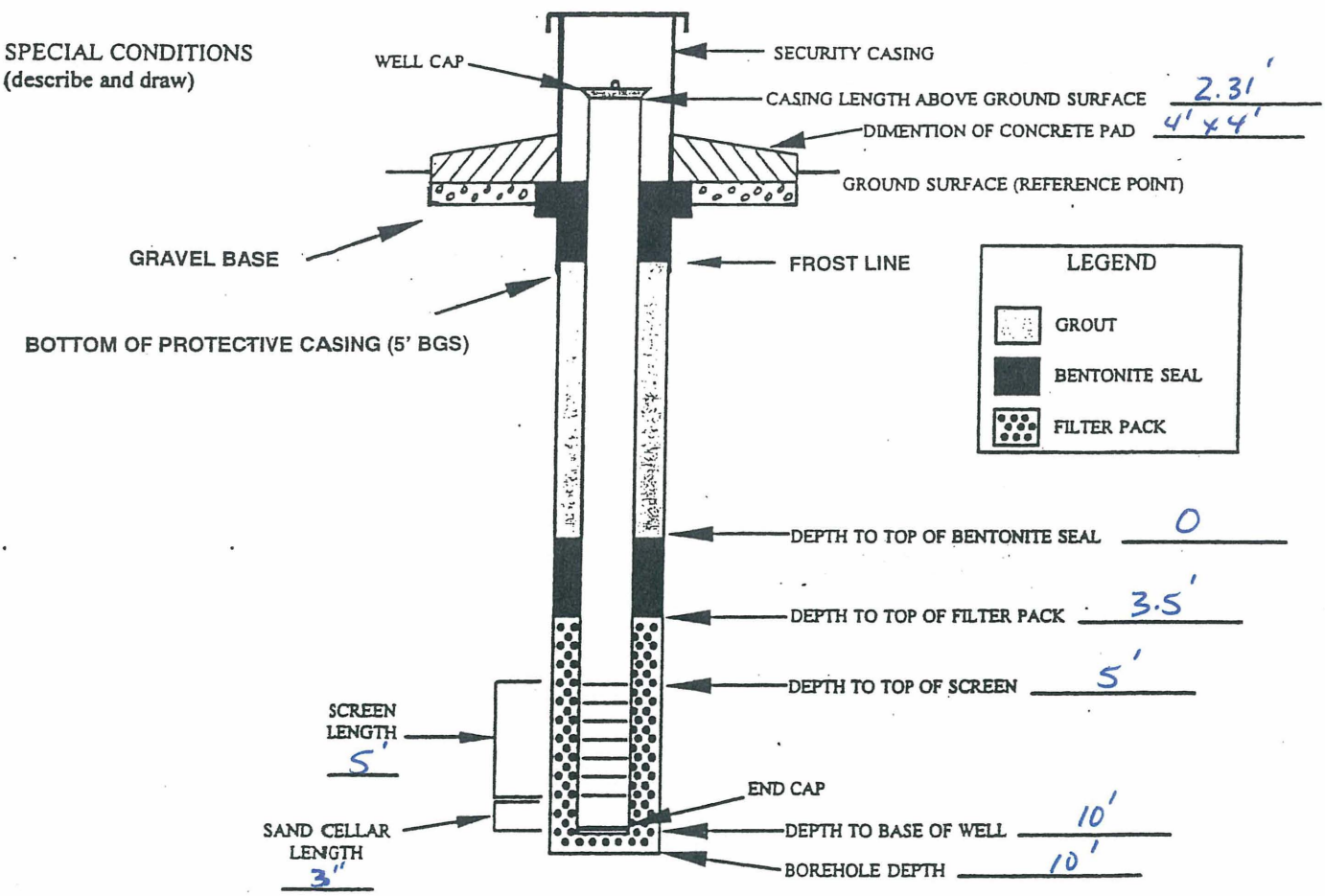
TYPE OF CEMENT: N/A
AMOUNT CEMENT USED: N/A
GROUT MATERIALS USED: N/A

DIMENSIONS OF SECURITY CASING: 6" steel

TYPE OF WELL CAP: j-plug pressure cap
TYPE OF END CAP: 3" threaded

COMMENTS:

SPECIAL CONDITIONS
(describe and draw)



NOT TO SCALE

INSTALLED BY: Rob Hamilton INSTALLATION OBSERVED BY: Al Hardesty

DISCREPANCIES: Bentonite hole plug to surface - no cement

Figure 5-2

WELL CONSTRUCTION DETAILS AND ABANDONMENT FORM

FIELD REPRESENTATIVE: Al Hardesty
DRILLING CONTRACTOR: Frontz Drilling

DRILLING TECHNIQUE: Hollow Stem Augu
AUGER SIZE AND TYPE: 6 1/4" HSA

BOREHOLE IDENTIFICATION: AA1 - GW005
BOREHOLE DIAMETER: 6 1/4"
WELL IDENTIFICATION: AA1 - GW005

WELL CONSTRUCTION START DATE: 7-23-07
WELL CONSTRUCTION COMPLETE DATE: 7-23-07

SCREEN MATERIAL: PVC - 0.010 slot
SCREEN DIAMETER: 2"
STRATUM-SCREENED INTERVAL (FT): 5' - 10'

CASING MATERIAL: PVC schedule 40
CASING DIAMETER: 2"

TYPE OF FILTER PACK: Sand
GRADIATION: 20/40
AMOUNT OF FILTER PACK USED: 180 lbs

TYPE OF BENTONITE: hole plug - baroid
AMOUNT BENTONITE USED: 75 lbs

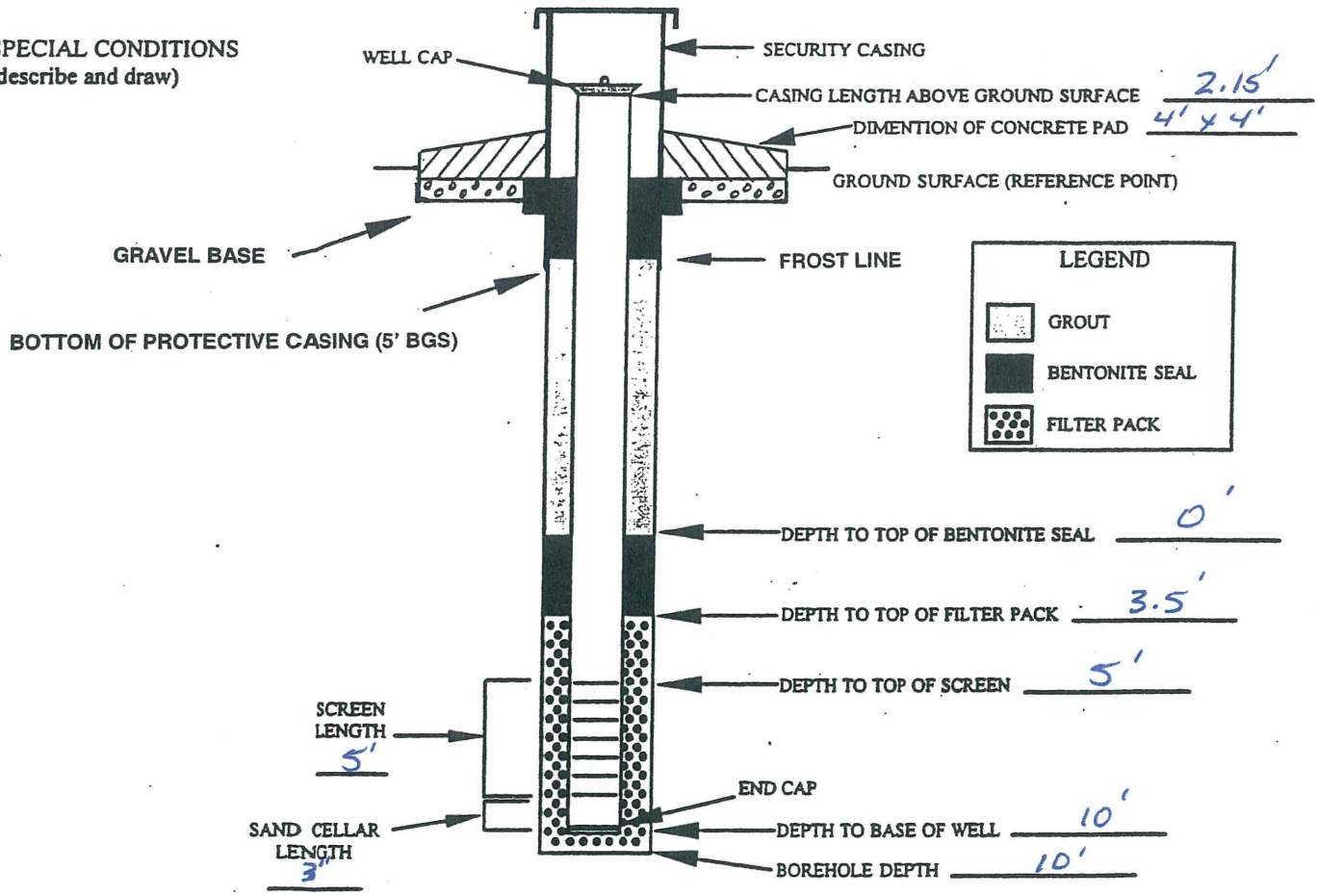
TYPE OF CEMENT: N/A
AMOUNT CEMENT USED: N/A
GROUT MATERIALS USED: N/A

DIMENSIONS OF SECURITY CASING: 6" Steel

TYPE OF WELL CAP: j-plug pressure cap
TYPE OF END CAP: 3" threaded

COMMENTS:

SPECIAL CONDITIONS
(describe and draw)



NOT TO SCALE

INSTALLED BY: Rob Hamilton
INSTALLATION OBSERVED BY: Al Hardesty

DISCREPANCIES: bentonite hole plug to surface - no cement

Figure 5-2

WELL CONSTRUCTION DETAILS AND ABANDONMENT FORM

FIELD REPRESENTATIVE: Al Hardesty

DRILLING CONTRACTOR: Frontz Drilling

DRILLING TECHNIQUE: Air Rotary

AUGER SIZE AND TYPE: 9" roller cone + 4 7/8" core bit

BOREHOLE IDENTIFICATION: AAI-BEDGW-002

BOREHOLE DIAMETER: 4 7/8"

WELL IDENTIFICATION: AAI-BEDGW-002

WELL CONSTRUCTION START DATE: 6-15-07

WELL CONSTRUCTION COMPLETE DATE: 6-18-07

SCREEN MATERIAL: PVC - 0.010 slot

SCREEN DIAMETER: 2"

STRATUM-SCREENED INTERVAL (FT): 50'-65'

CASING MATERIAL: PVC schedule 40

CASING DIAMETER: 2"

TYPE OF FILTER PACK: sand

GRADIATION: 20/40

AMOUNT OF FILTER PACK USED: 340 lbs

TYPE OF BENTONITE: Hole Plug - baroid

AMOUNT BENTONITE USED: 45 lbs

TYPE OF CEMENT: bentonite / Portland mix

AMOUNT CEMENT USED: 49 gallons

GROUT MATERIALS USED: tremmie from bottom up

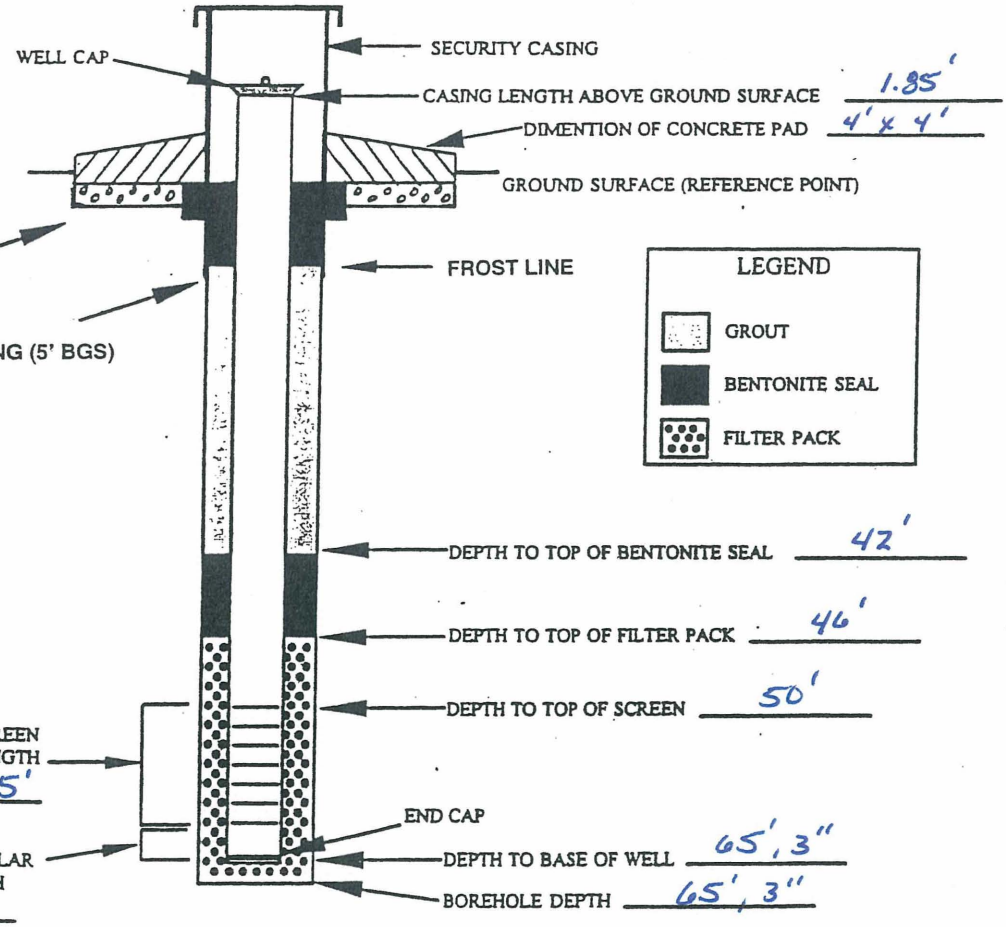
DIMENSIONS OF SECURITY CASING: 6" steel

TYPE OF WELL CAP: 1 plug pressure cap

TYPE OF END CAP: 3" threaded

COMMENTS: set 9" surface casing to 16'
set 6" surface casing to 31'

SPECIAL CONDITIONS
(describe and draw)



NOT TO SCALE

INSTALLED BY: Ron Tucker

INSTALLATION OBSERVED BY: Al Hardesty

DISCREPANCIES:

Figure 5-2

WELL CONSTRUCTION DETAILS AND ABANDONMENT FORM

FIELD REPRESENTATIVE: Al Hardesty

DRILLING CONTRACTOR: Frontz Drilling

DRILLING TECHNIQUE: Air Rotary

AUGER SIZE AND TYPE: 9" roller cone + 4 7/8" core bit

BOREHOLE IDENTIFICATION: AAI-BEDGW-003

BOREHOLE DIAMETER: 4 7/8"

WELL IDENTIFICATION: AAI-BEDGW-003

WELL CONSTRUCTION START DATE: 6-14-07

WELL CONSTRUCTION COMPLETE DATE: 6-15-07

SCREEN MATERIAL: PVC - 0.010 slot

SCREEN DIAMETER: 2"

STRATUM-SCREENED INTERVAL (FT): 45'-65'

CASING MATERIAL: PVC schedule 40

CASING DIAMETER: 2"

TYPE OF FILTER PACK: sand

GRADIATION: 20/40

AMOUNT OF FILTER PACK USED: 465 lbs

TYPE OF BENTONITE: Hole Plug Baroid

AMOUNT BENTONITE USED: 75 lbs

TYPE OF CEMENT: bentonite / portland mix

AMOUNT CEMENT USED: 35 gallons

GROUT MATERIALS USED: tremmie from bottom up

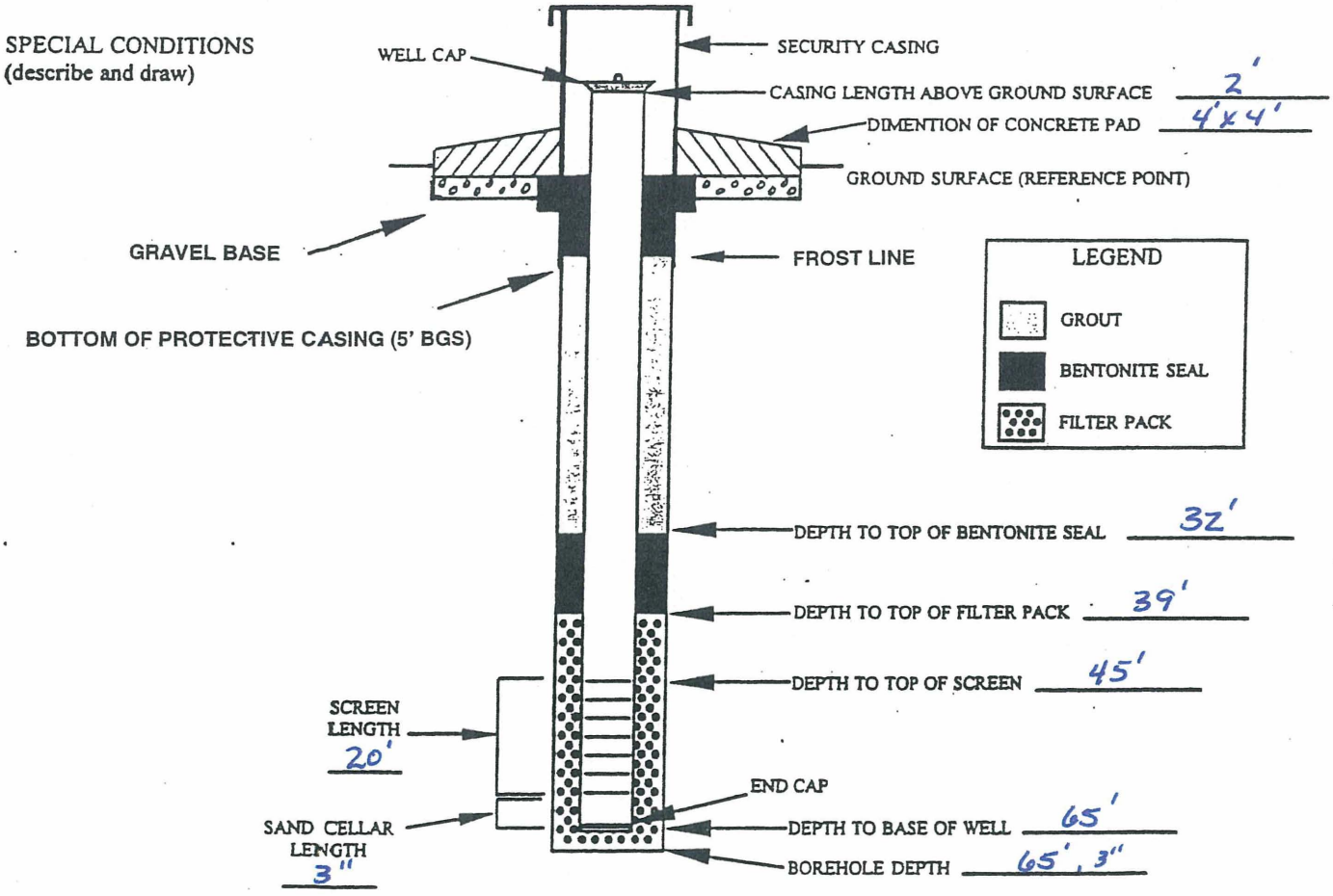
DIMENSIONS OF SECURITY CASING: 6" steel

TYPE OF WELL CAP: J-plug pressure cap

TYPE OF END CAP: 3" threaded

COMMENTS: set 6" surface casing to 28'

SPECIAL CONDITIONS
(describe and draw)



NOT TO SCALE

INSTALLED BY: Ron Tucker

INSTALLATION OBSERVED BY: Al Hardesty

DISCREPANCIES:

Figure 5-2

WELL CONSTRUCTION DETAILS AND ABANDONMENT FORM

FIELD REPRESENTATIVE: Al Hardasty

DRILLING CONTRACTOR: Frontz Drilling

DRILLING TECHNIQUE: Air Rotary

AUGER SIZE AND TYPE: 9" rollercone, 4 7/8" core bit

BOREHOLE IDENTIFICATION: AA1-BEDGW-004

BOREHOLE DIAMETER: 4 7/8"

WELL IDENTIFICATION: AA1-BEDGW-004

WELL CONSTRUCTION START DATE: 6-18-07

WELL CONSTRUCTION COMPLETE DATE: 7-23-07

SCREEN MATERIAL: PVC - 0.010 slot

SCREEN DIAMETER: 2"

STRATUM-SCREENED INTERVAL (FT): 44'-69'

CASING MATERIAL: PVC schedule 40

CASING DIAMETER: 2"

TYPE OF FILTER PACK: sand

GRADIATION: 20/40

AMOUNT OF FILTER PACK USED: 510 lbs

TYPE OF BENTONITE: Hole plug baroid

AMOUNT BENTONITE USED: 55 lbs

TYPE OF CEMENT: bentonite / portland mix

AMOUNT CEMENT USED: 40 gallons

GROUT MATERIALS USED: tremmied from bottom up

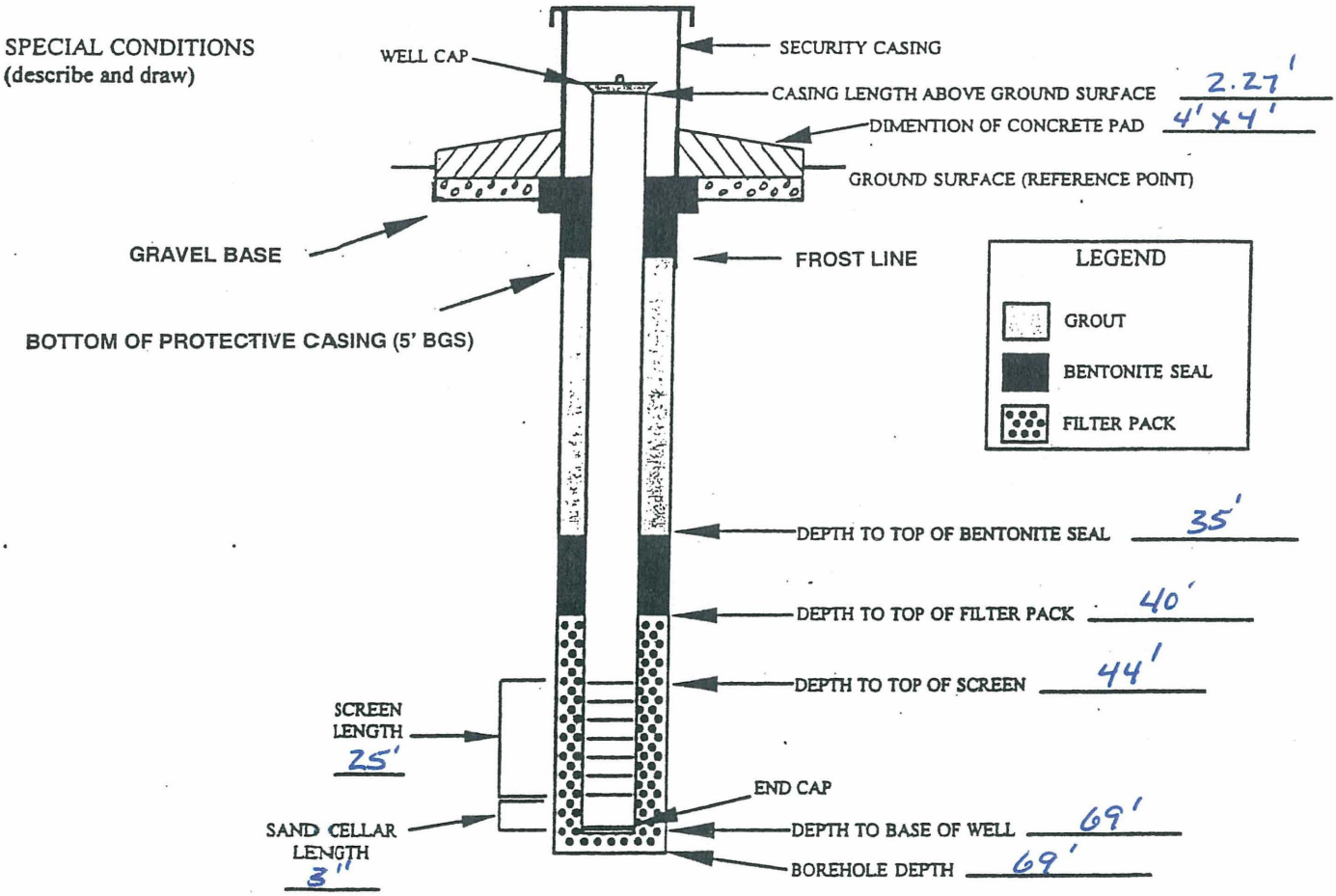
DIMENSIONS OF SECURITY CASING: 6" steel

TYPE OF WELL CAP: j-plug pressure cap

TYPE OF END CAP: 3" threaded

COMMENTS: set 6" surface casing to 31'

SPECIAL CONDITIONS
(describe and draw)



NOT TO SCALE

INSTALLED BY: Ron Tucker

INSTALLATION OBSERVED BY: Al Hardasty

DISCREPANCIES:

Figure 5-2

Appendix F
Well Development Records.

WELL DEVELOPMENT RECORD

AA1-GW003

WELL/PIEZOMETER ID _____
SHEET 1 of 1

PROJECT NAME: AA1 RI PROJECT NO.: 35BH9308 DATE: 7/24/07

LOCATION: Acid Area 1 DATE INSTALLED: 7/23/07

TOTAL DEPTH (FTOC) 12.1' CASING DIAMETER 2"

METHODS OF DEVELOPMENT

☐ Swabbing ☑ Bailing ☑ Pumping ☐ Describe _____

Equipment decontaminated prior to development ☐ Yes ☐ NO

Describe Bladder pump

EQUIPMENT NUMBERS:

pH Meter _____ EC Meter _____ Turbidity Meter _____ Thermometer _____

CASING VOLUME INFORMATION.

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

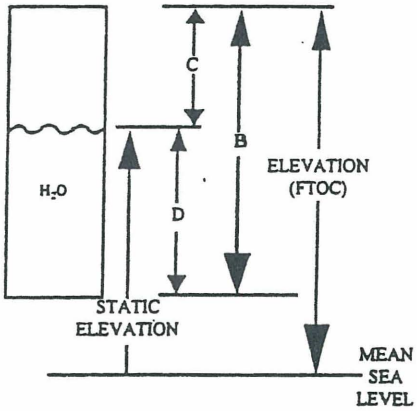
Measured Well Depth (B) 12.10 ft

Measured Water Level Depth (C) 8.19 ft

Length of Static Water Column (D) _____ (B) - _____ (C) = 3.91 ft

Casing Water Volume (E) = 0.16 (A) x 3.91 (D) = .6256 gal

Total Purge Volume = 1.87 (gal)



Date	Time	Water Level (FTOC)	Volume Removed (gal)	pH	EC	Temperature F or C	Turb. (NTU) Sand (ppm)	Comments
7/24/07	1055	8.19						initiate purge and surge with disposable bailer
7/24/07	1115	8.85	5					no water parameters are being measured during gross purge
7/24/07	1139	9.54	10					
7/24/07	1210	9.65	15					
7/24/07	1254	8.37	15					recovery measurement after lunch break
7/24/07	1321	9.25	20					
7/25/07	1124	8.21	20					initiated purging w bladder pump
7/25/07	1200	8.33	21.5	6.68	1.09	19.75	0.0	150 ml/min
7/25/07	1230	8.36	22.5	6.96	1.00	19.65	0.0	
7/25	1300	8.37	23.5	6.94	0.937	19.34	0.0	
7/25	1330	8.39	24.5	6.97	0.691	19.55	0.0	
7/25	1400	8.39	25.5	6.98	0.664	21.54	0.0	
7/25	1430	8.39	26.25	6.94	0.662	20.15	0.0	
7/25	1500	8.41	27.5	6.97	0.656	19.60	0.0	

Figure 5-4

WELL DEVELOPMENT RECORD

AA1-GW004

WELL/PIEZOMETER ID _____
SHEET 1 of 2

PROJECT NAME: AA1 RI PROJECT NO.: 35B49308 DATE: 7/24/07 / 10/15/07

LOCATION: Acid Area 1 DATE INSTALLED: 7/23/07

TOTAL DEPTH (FTOC) 12.28' CASING DIAMETER 2"

METHODS OF DEVELOPMENT

☐ Swabbing ☑ Bailing ☑ Pumping ☐ Describe _____

Equipment decontaminated prior to development ☐ Yes ☐ NO

Describe initial purge with bailer / bladder pump used on 10/15/07

EQUIPMENT NUMBERS:

pH Meter _____ EC Meter _____ Turbidity Meter _____ Thermometer _____

CASING VOLUME INFORMATION.

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

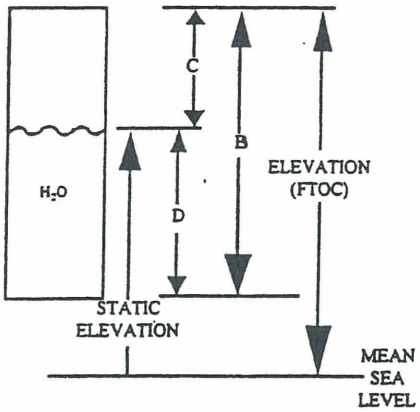
Measured Well Depth (B) 12.28 ft

Measured Water Level Depth (C) 10.37 ft

Length of Static Water Column (D) _____ (B) - _____ (C) = 1.91 ft

Casing Water Volume (E) = 0.16 (A) x 1.91 (D) = .31 gal

Total Purge Volume = 1 (gal)



Date	Time	Water Level (FTOC)	Volume Removed (gal)	pH	EC	Temperature F or C	Turb. (NTU) Sand (ppm)	Comments
7/24/07	1352	10.37	0					initiate purging w/ bailer.
7/24/07	1406	11.75	1					no water parameters, purged dry to within 6" of bottom.
10/15/07	1435	7.51	1					resume development w/ bladder pump.
10/15/07	1449	WL below top of pump	1 1/2					* WL unknown, below top of pump
10/15/07	1500	8.60	1 1/2+	6.65	2.82	19.39	51.1	pump rate 55 ml/min
10/15/07	1515	8.91	1.75	6.64	2.70	19.63	36.7	55 ml/min.
10/15/07	1530	WL below top of pump	2.0	6.52	2.71	19.05	35.3	55 ml/min.
10/15/07	1545	"	2.25	6.57	2.76	19.14	33.3	
10/15/07	1600	"	2.75	6.65	2.87	19.21	31.3	
10/15/07	1615	"	3.0	6.67	2.89	19.44	29.7	making 45 ml/min
10/15/07	1630	"	3.25	6.70	2.96	19.15	31.7	
10/15/07	1645	"	3.25+	6.71	3.00	19.03	31.0	making 35 ml/min
10/15/07	1700	"	3.5	6.72	3.02	19.25	29.1	stopped purging at 1700

Figure 5-4

See Page 2. for further development

WELL DEVELOPMENT RECORD

WELL/PIEZOMETER ID AA1-GW004
SHEET 2 of 2

PROJECT NAME: _____ PROJECT NO.: _____ DATE: _____

LOCATION: _____ DATE INSTALLED: _____

TOTAL DEPTH (FTOC) _____ CASING DIAMETER _____

METHODS OF DEVELOPMENT

☐ Swabbing ☐ Bailing ☐ Pumping ☐ Describe _____

Equipment decomtaminated prior to development ☐ Yes ☐ NO

Describe _____

EQUIPMENT NUMBERS:

pH Meter _____ EC Meter _____ Turbidity Meter _____ Thermometer _____

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

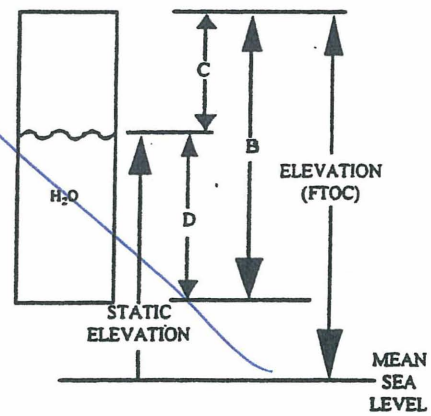
Measured Well Depth (B) _____ ft.

Measured Water Level Depth (C) _____ ft.

Length of Static Water Colume (D) _____ - _____ = _____ ft.
(B) (C)

Casing Water Volume (E) = _____ x _____ = _____ gal
(A) (D)

Total Purge Volume = _____ (gal)



Date	Time	Water Level (FTOC)	Volume Removed (gal)	pH	EC	Temperature F or C	Turb. (NTU) Sand (ppm)	Comments
10/16/07	08:00							resume pumping
10/16/07	08:30	below top of pump	5	6.78	3.24	14.46	37.4	
16/16/07	09:00	"	5.25	6.90	3.18	14.16	59.5	well pumped dry

Figure 5-4

WELL DEVELOPMENT RECORD

WELL/PIEZOMETER ID AA1-GW005
SHEET 1 of 1

PROJECT NAME: AA1 RI PROJECT NO.: 35BH9308 DATE: 10/15/07

LOCATION: Acid Area 1 DATE INSTALLED: 7.23.07

TOTAL DEPTH (FTOC) 12.2' CASING DIAMETER 2"

METHODS OF DEVELOPMENT

☐ Swabbing ☑ Bailing ☐ Pumping ☐ Describe _____

Equipment decomtaminated prior to development ☐ Yes ☐ NO

Describe Flow rates and water volume did not permit use of low flow with pump

EQUIPMENT NUMBERS:

pH Meter _____ EC Meter _____ Turbidity Meter _____ Thermometer _____

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

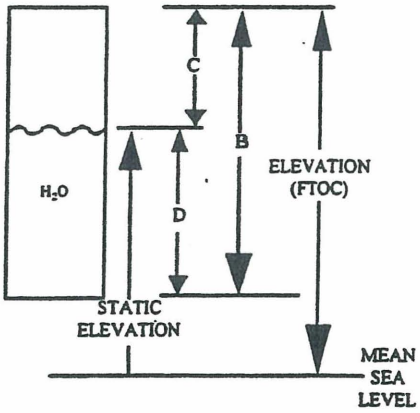
Measured Well Depth (B) N/A ft.

Measured Water Level Depth (C) N/A ft.

Length of Static Water Colume (D) _____ - _____ = _____ ft.
(B) (C)

Casing Water Volume (E) + _____ x _____ = _____ gal
(A) (D)

Total Purge Volume = N/A (gal)



Date	Time	Water Level (FTOC)	Volume Removed (gal)	pH	EC	Temperature F or C	Turb. (NTU) Sand (ppm)	Comments
10/15/07	9:03	8.89	2.5	–	–	–	–	no measurement recorded
10/16/07	11:30	11.31	–					recovery level insufficient for further development
11/5/07	8:30	9.91	3.5					no measurement recorded.

Figure 5-4

WELL DEVELOPMENT RECORD

AA1-BE06W

WELL/PIEZOMETER ID -002
SHEET 1 of 1

PROJECT NAME: Acid Area RI PROJECT NO.: 3BBH9308 DATE: 6-20-07

LOCATION: Acid Area 1 DATE INSTALLED: 6-18-07

TOTAL DEPTH (FTOC) 66.55' CASING DIAMETER 2"

METHODS OF DEVELOPMENT

☑ Swabbing ☐ Bailing ☑ Pumping ☐ Describe

Equipment decontaminated prior to development ☑ Yes ☐ NO

Describe Alconox, Potable Rinse, DI Rinse, pump and tubing (inside and out

EQUIPMENT NUMBERS:

pH Meter _____ EC Meter _____ Turbidity Meter _____ Thermometer _____

CASING VOLUME INFORMATION.

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

6" Sand pack - 0.562 max of 13 7.3 gal

PURGING INFORMATION:

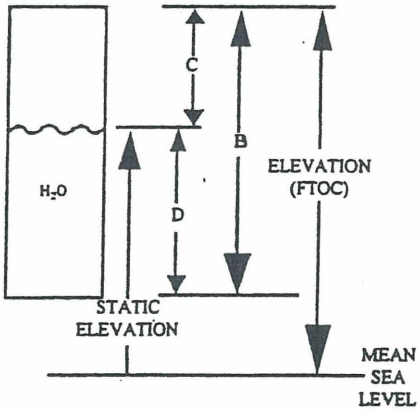
Measured Well Depth (B) 66.05' ft

Measured Water Level Depth (C) _____ ft

Length of Static Water Column (D) _____ (B) - _____ (C) = _____ ft

Casing Water Volume (E) = _____ (A) x _____ (D) = N/A gal

Total Purge Volume = N/A (gal)



Date	Time	Water Level (FTOC)	Volume Removed (gal)	pH	EC	Temperature F or C	Turb. (NTU) Sand (ppm)	Comments
6.20.07		did not develop due to					insufficient water	
		volume.						
11.9.07	1320	59.15	3.5					no measurements used bailer
11.7.07	1418	66.24	—					water level and well yield insufficient
								for pumping.
								bailed well dry

Figure 5-4

WELL DEVELOPMENT RECORD

AA1-8ED GW

WELL/PIEZOMETER ID -003
SHEET 1 of 1

PROJECT NAME: Acid Area 1 RI PROJECT NO.: 35BH9308 DATE: 6-20-07

LOCATION: Acid Area 1 DATE INSTALLED: 6-15-07

TOTAL DEPTH (FTOC) _____ CASING DIAMETER 2"

METHODS OF DEVELOPMENT

☑ Swabbing ☐ Bailing ☑ Pumping ☐ Describe _____

Equipment decontaminated prior to development ☑ Yes ☐ NO

Describe Alconox, Potable Rinse, DI Rinse pump and tubing

EQUIPMENT NUMBERS:

pH Meter _____ EC Meter _____ Turbidity Meter _____ Thermometer _____

CASING VOLUME INFORMATION.

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

6" Sand pack 0.562 max of 13 7.3 gal

PURGING INFORMATION:

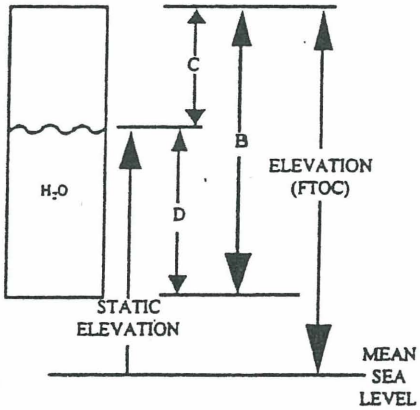
Measured Well Depth (B) 67.43 ft

Measured Water Level Depth (C) 22.23' ft

Length of Static Water Column (D) _____ (B) - _____ (C) = 25.2 ft

Casing Water Volume (E) = .16 (A) x 25.2 (D) = _____ gal

Total Purge Volume = _____ (gal)



Date	Time	Water Level (FTOC)	Volume Removed (gal)	pH	EC	Temperature F or C	Turb. (NTU) Sand (ppm)	Comments
6-20 07	0915	*	6.0	6.49	3.71	13.35	98.7	pump rate 500 ml/min
	0945	*	10	6.56	3.85	13.73*	219.0*	pump rate 600 ml/min
	1015	47.5'*	12.5	6.57	3.86	17.18*	191.0*	pump rate 600 ml/min
	1045	53.6*	14.0	6.66	3.82	AFH 17.57*	373.0**	pump rate 200 ml/min
	1115	52.0	16.0	—	—	—	w/out flow 34.0 thru	pump rate 200 ml/min disconnected flo thru cell
	1145	53.8	17.5	6.60	4.07	18.79*	—	pump rate 200 ml/min reconnected flo thru cell
	1205	57.0	18.5	6.65	3.90	19.10*	—	pump rate 200 ml/min
7/25/07	0903	23.15	18.5	-	-	-	-	resumed pumping

* bubbles collecting inside flow thru cell affecting turbidity.

* water level measurements could not be taken due to water being forced up the hole from the H_2S gas. Readings represent highest point water bubbles up to.

* temperature dependant on ambient air conditions as temperatures rise during the day

Figure 5-4

WELL DEVELOPMENT RECORD

WELL/PIEZOMETER ID AAI-BEOGW 004
SHEET 1 of 1

PROJECT NAME: _____ PROJECT NO.: 35B49308 DATE: 6-21-07

LOCATION: Acid Area DATE INSTALLED: 6-19-07

TOTAL DEPTH (FTOC) ~~66.55'~~ CASING DIAMETER _____

METHODS OF DEVELOPMENT

☐ Swabbing ☐ Bailing ☐ Pumping ☐ Describe _____

Equipment decomtaminated prior to development ☐ Yes ☐ NO

Describe _____

EQUIPMENT NUMBERS:

pH Meter _____ EC Meter _____ Turbidity Meter _____ Thermometer _____

CASING VOLUME INFORMATION.

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	8.0
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

~~6" Sand pack~~
~~0.562~~
~~ready of 13~~
~~7.3 gal~~

PURGING INFORMATION:

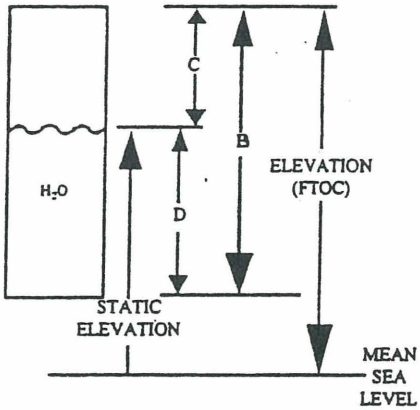
Measured Well Depth (B) ~~66.55'~~ ~~69~~ ft

Measured Water Level Depth (C) 58.3 ft

Length of Static Water Column (D) _____ - _____ = _____ ft
(B) (C)

Casing Water Volume (E) = _____ x _____ = _____ gal
(A) (D)

Total Purge Volume = _____ (gal)



Initiate purge at 0815

Date	Time	Water Level (FTOC)	Volume Removed (gal)	pH	EC	Temperature F or C	Turb. (NTU) Sand (ppm)	Comments
6/21	1044	70.29	13.5	—	—	—	—	final WL reading after purging
6/21	1415	68.82	—	—	—	—	—	recovery WL measurement
7/24	1420	33.33*	13.5	—	—	—	—	resume development pump rate 300 ml/min
7/24	1555	39.41	19.5	7.04	2.35	13.79	31.4	
7/24	1625	41.09	22.0	7.07	2.31	13.65	29.0	pump rate 275 ml/min
7/24	1655	43.3	24.0	7.03	2.17	13.66	25.0	pump rate 200 ml/min
7/24	1725	45.59	26.5	7.05	2.31	13.76	18.3	pump rate 250 ml/min
7/24	1945	47.25	28.0	7.07	2.31	13.74	38.4	pump rate 250 ml/min

* well recovered to 33.33 during June-July.

Figure 5-4

Appendix G
Groundwater Sampling Field Data Forms

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: AA1-GW-002 COC Sample Numbers PBOW-07-~~AA~~ GW-AA1-AA1GW002-A
Plume Area: N/A Well Number: AA1-GW-002
Arrival Date/Sample Time: 11/6/07 / 1410
Sampling Method: Low flow sampling with bladder pump

Pump # _____	Pump Length 3' x 25' tubing
Dedicated Pump Used No	

Weather: windy, light snow flurries

Well Total Depth: 25.3 ft BTOC. Screened Interval: 25'-15' ft BTOC.
Background PID Reading: _____ PPM. Well PID Reading: _____ PPM.
Static Water Level: 7.32 ft BTOC. Pump Set Depth: 20' ft BTOC
LNAPLS Present: _____ DNAPLS Present: _____

Purge volume calculations:
(D_c) Casing diameter (inches) 2", (H_s) Length of saturated screen interval (feet) 10',

(Db) Well boring diameter (inches) 6", (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = $0.041\ (D_c)^2\ (H_s)$ = _____

(B) Saturated Filter Pack Unit Volume = $0.041\ [(D_B)^2 - (D_C)^2]\ (H_S)P$ = _____

(C) Total Unit Volume = (A) + (B) = 1.6 gallons

(D) Purge Volume = 3 * (C) = 4.8 gallons

Analytical Parameters

Collected	Parameters	Method	Preservatives
3 x 40 ml vial	VOC	8260	HCL / 4°C
4 x 1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1 x 500 ml poly	metals / Hardness	(6010/7470A), 130.2	HNO_3 / 4°C
1 x 250 ml poly	cyanide	9010A/9012	NaOH / 4°C
1 x 125 ml poly	TOC	9060	H_2SO_4 / 4°C
1 x 1000 ml poly	turbidity, Alkalinity TSS/TDS/Anions	180.1, 310.1 160.2/160.1/300	4°C
1 x 500 ml poly	total dissolved metals / Hg	6010/7470 filtered in field	HNO_3 / 4°C

QA/QC Sampling:
Sample Duplicate: NO X; YES __ Well Number
MS/MSD Sample: NO X; YES __ Well Number:
Rinsate Blank: NO ~~X~~; YES X Well Number: rinsate collected 11/7/07
Field Blank: NO X; YES __ Well Number:

Sample Crew (Print):
Al Hardesty,
Helen Owens

(continues)

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID AA1-GW-002

Figure 5 -7

Sample Date: 11/6/07

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	) Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
1110	7.32	140 ml/min	0							initiate pump
1130	8.39	140	0.75	10.86	7.07	3.47	277	0.82	-14	
1140	8.48	140	1.25	11.27	7.07	3.55	248	0.54	-18	
1150	8.44	120	1.50	11.53	7.08	3.35	213	0.13	-20	
1200	8.34	120	2.0	11.15	7.08	3.42	188	0.00	-21	
1210	8.36	120	2.25	11.24	7.08	3.39	176	0.00	-21	
1220	8.48	120	2.50	11.70	7.07	3.37	156	0.00	-19	stopped pump at 1222
1300	7.88	120	2.50	9.84	7.07	3.23	152	0.00	-10	resumed pumping at 1256
1310	8.20	120	3.0	10.93	7.06	3.40	144	0.00	-13	
1320	8.24	120	3.5	11.04	7.04	3.41	142	0.00	-16	
1330	8.28	130	4.0	10.88	7.04	3.42	137	0.00	-17	
1340	8.32	120	4.5	10.85	7.03	3.39	130	0.00	-17	
1350	8.26	100	4.75	10.62	7.02	3.40	128	0.00	-16	
1400	8.26	100	5.25	10.68	7.01	3.38	124	0.00	-16	
1410	8.28	100	5.75	10.85	6.98	3.34	123	0.00	-15	
										note: water is very clear use lab analysis for turbidity + TSS
1517	8.26	100			7.02	3.14	42.4			Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

AA1-GW002

Field Equipment: PID/OVA SN: _____ Calibration Date: _____ Initials :

Horiba U-22
~~YSI~~ SN: _____ Calibration Date: 11/6/07 Initials : AFH

Field measurement protocols followed with no exceptions (Y / N*) **Form completed by :** Al Hardesty

Date : 11/6/07

*Field Deviations Made :

manganese test in field - result 2.6 mg/L
ferrous iron test in field - result 3.0 mg/L

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: AAI GW003 COC Sample Numbers PBOW-07-GW-AAI AAIGW003-A
Plume Area: N/A Well Number: AAI-GW003
Arrival Date/Sample Time: 11.9.07 / 1035
Sampling Method : low flow - bladder pump

Pump # _____	Pump Length 25'
Dedicated Pump Used No	

Well Total Depth : 12.51 ft BTOC. Screened Interval : 7.5-12.5 ft BTOC.
Background PID Reading : N/A PPM. Well PID Reading : N/A PPM.
Static Water Level : 7.28 ft BTOC. Pump Set Depth : 10', 3" ft BTOC
LNAPLS Present : N/A DNAPLS Present : N/A

Purge volume calculations:
(D_c) Casing diameter (inches) 2", (H_s) Length of saturated screen interval (feet) 5',

(Db) Well boring diameter (inches) _____, (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = $0.041\ (D_c)^2\ (H_s)$ = _____

(B) Saturated Filter Pack Unit Volume = $0.041\ [(D_B)^2 - (D_C)^2]\ (H_S)P$ = _____

(C) Total Unit Volume = (A) + (B) = 1.6

(D) Purge Volume = 3 * (C) = 4.8

Analytical Parameters

Collected	Parameters	Method	Preservatives
3x40 ml vial	VOC	8260	HCL / 4°C
4x1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1x500 ml poly	metals / Hg / Hardness	(6010/7470A), 130.2	HNO_3 / 4°C
1x250 ml poly	cyanide	9010A/9012	NaOH / 4°C
1x125 ml poly	TOC	9060	H_2SO_4 / 4°C
1x1000 ml poly	turbidity, Alkalinity TSS/TDS/Anions	180.1, 310.1 160.2/160.1/300	4°C
1x500 ml poly	Total dissolved metals / Hg	6010/7470	HNO_3 / 4°C

QA/QC Sampling: Sample Duplicate: NO __; YES __ Well Number
MS/MSD Sample: NO __; YES ✓ Well Number: AAIGW003
Rinsate Blank: NO __; YES __ Well Number:
Field Blank: NO __; YES __ Well Number:

Sample Crew (Print):
Al Hardesty, Helen Owens (continues)

22K70809\:\WINWORD\BOILERPL\ WI-015r4.DOC

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID AA1-GW003

Figure 5 -7

Sample Date: 11/9/07

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
0855	initiated pumping									
0855	7.51									
0910	7.52	150 ml/min	0.5	12.47	7.43	0.579	136.0	8.78	-58	
0925	7.55	150 ml/min	2.0	12.89	7.34	0.590	24.1	5.72	-74	
0940	7.58	150 ml/min	2.5	13.08	7.32	0.603	7.0	4.87	-76	Reduced to 130 ml/min
0955	7.58	130	2.75	13.25	7.31	0.599	4.5	1.79	-83	
1010	7.59	100	3.0	12.39	7.31	0.598	3.7	0.59	-81	Reduced to 100 ml/min
1025	7.58	100	3.75	13.0	7.31	0.600	~~5~~ 4.3	0.53	-80	
1035	7.58	100	4.0	13.5	7.30	0.595	4.4	0.56	-81	initiated sampling
1353	@ 7.59	Completed	sampling							
										Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

AA1-GW003

Field Equipment: PID/OVA SN: _____ Calibration Date: _____ Initials :

~~YSI SN:~~ Horiba-U22 Calibration Date: 11-9-07 Initials : AFH

Field measurement protocols followed with no exceptions (Y/ N*) **Form completed by :** Helen Owens

Date :

*Field Deviations Made :

Manganese + ferrous iron field test - negative

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: AAI - GW004 COC Sample Numbers PBDW-07-GW-AAI-AAIGW004-A
Plume Area: N/A Well Number: AAI - GW004
Arrival Date/Sample Time: 110707 / 110807 0830
Sampling Method : Bladder Pump

Pump # _____	Pump Length 25'
Dedicated Pump Used WD	

Weather: overcast - cold - 40°

Well Total Depth : 12.5' ft BTOC. Screened Interval : 7.5-12.5 ft BTOC.
Background PID Reading : N/A PPM. Well PID Reading : N/A PPM.
Static Water Level : 7.91 ft BTOC. Pump Set Depth : 12.25 ft BTOC
LNAPLS Present : N/A DNAPLS Present : N/A

Purge volume calculations:
(D_c) Casing diameter (inches) 2", (H_s) Length of saturated screen interval (feet) 5',

(Db) Well boring diameter (inches) _____, (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = $0.041\ (D_c)^2\ (H_s)$ = _____

(B) Saturated Filter Pack Unit Volume = $0.041\ [(D_B)^2 - (D_C)^2]\ (H_S)P$ = _____

(C) Total Unit Volume = (A) + (B) = 1.6

(D) Purge Volume = 3 * (C) = 4.8 L

Analytical Parameters

Collected	Parameters	Method	Preservatives
3x40 ml vial	VOC	8260	HCL / 4°C
4x1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1x500 ml poly	metals / Hardness Hg	(6010/7470A), 130.2	HNO_3 / 4°C
1x250 ml poly	cyanide	9010A/9012	NaOH / 4°C
1x125 ml poly	TOC	9060	H_2SO_4 / 4°C
1x1000 ml poly	turbidity, Alkalinity TSS/TDS/ Anions	180.1, 310.1 160.2/160.1/ 300	4°C
1x500 ml poly	Total dissolved metals / Hg	6010/7470	HNO_3 / 4°C

QA/QC Sampling: Sample Duplicate: NO ✓; YES __ Well Number
MS/MSD Sample: NO ✓; YES __ Well Number:
Rinsate Blank: NO ✓; YES __ Well Number:
Field Blank: NO ✓; YES __ Well Number:

Sample Crew (Print): Al Hardesty / Helen Owens

(continues)

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID AA1-GW004

Sample Date: 11/08/07

Figure 5 -7

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

	Time	Depth to Water (ft)	) Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
17	1230	initiate purging - will purge dry and sample upon recovery									
	1236			2.5	10.8	6.97	3.20	2.4	18.59	60	
8	0820	resume	purging	on 110807	~~5.2~~	~~6.92~~	~~3.38~~	~~8.6~~	~~4.90~~		
	0830	below top of pump			5.2	6.92	3.38	8.6	4.90	96	
											Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

AA1-GW004

Field Equipment: PID/OVA SN: _____ Calibration Date: _____ Initials :

Horbia U-22 ~~YSI~~ SN: _____ Calibration Date: 110807 Initials : AFH

Field measurement protocols followed with no exceptions (Y / N*) **Form completed by :** Al Hardesty

Date :

*Field Deviations Made :

Purged well dry on 110708. Sampled the following morning 110807. On 110807 purged line free before sampling. Well yield was less than 100 ml/minute - water level had dropped below top of pump and could not be measured.

Manganese and Ferrous Iron - negative

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: PBOW - AA1 COC Sample Numbers PBOW.07.GW.AA1.AA1GW005.A
Plume Area: N/A Well Number: AA1 - GW005
Arrival Date/Sample Time: 11.9.07 / 1500
Sampling Method : Bailer - disposable

Pump # _____	Pump Length N/A
Dedicated Pump Used N/A	

Well Total Depth : 12.5 ft BTOC. Screened Interval : 7.5-12.5 ft BTOC.
Background PID Reading : N/A PPM. Well PID Reading : N/A PPM.
Static Water Level : 10.9 ft BTOC. Pump Set Depth : N/A ft BTOC
LNAPLS Present : N/A DNAPLS Present : N/A

Purge volume calculations:
(D_c) Casing diameter (inches) _____ , (H_s) Length of saturated screen interval (feet)_____,

(Db) Well boring diameter (inches) _____, (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = $0.041\ (D_c)^2\ (H_s)$ = _____

(B) Saturated Filter Pack Unit Volume = $0.041\ [(D_B)^2 - (D_C)^2]\ (H_S)P$ = _____

(C) Total Unit Volume = (A) + (B) = _____

(D) Purge Volume = 3 * (C) = N/A

Analytical Parameters

Collected	Parameters	Method	Preservatives
3 x 40 ml vials	VOC	8260	HCl / 4°C
1 x 500 ml poly	total metals / Hg Hardness	6010 / 7470A , 130.2	HNO_3 / 4°C
1 x 1000 ml poly	turb / alkalinity TSS / TDS / anions	180.1 , 310.1 160.2 , 160.1 , 300	4°C
1 x 125 ml poly	TOC	9060	H_2SO_4 / 4°C

QA/QC Sampling: Sample Duplicate: NO ✓; YES __ Well Number
MS/MSD Sample: NO ✓; YES __ Well Number:
Rinsate Blank: NO ✓; YES __ Well Number:
Field Blank: NO ✓; YES __ Well Number:

Sample Crew (Print):
Al Hardesty , Helen Owens (continues)

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID AA1-GW005

Figure 5 -7

Sample Date: 11.9.07

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	) Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
1500	sampled well without purging due to low yield and nominal volume									
	volume insufficient for full sample aliquots									
										Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Field Equipment: PID/OVA SN: _____ Calibration Date: _____ Initials :

~~YSI SN:~~ N/A Calibration Date: N/A Initials :

Field measurement protocols followed with no exceptions (Y / N*) **Form completed by :** Al Hardesty

Date :

*Field Deviations Made :

Sampled with bailer with no purge or water parameter measurements. Did not have sufficient volume to collect SVOC, PCB, explosives, or cyanide.

Did not perform Manganese + ferrous iron field test.

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: MK - MW19 COC Sample Numbers PBOW-07-GW-AA1-MKMW19-A
Plume Area: NA Well Number: MKMW 19
Arrival Date/Sample Time: 11-8-07 / 1505
Sampling Method : Low flow - bladder pump

Pump #	Pump Length 25'
Dedicated Pump Used No.	

Weather: overcast, c

Well Total Depth : 16.22 ft BTOC. Screened Interval : 10'-0' ft BTOC.
Background PID Reading : N/A PPM. Well PID Reading : N/A PPM.
Static Water Level : 7.33 ft BTOC. Pump Set Depth : 11' ft BTOC
LNAPLS Present : N/A DNAPLS Present : N/A

Purge volume calculations:
(D_c) Casing diameter (inches) 2", (H_s) Length of saturated screen interval (feet) 10',

(Db) Well boring diameter (inches) 6", (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = $0.041\ (D_c)^2\ (H_s)$ = _____

(B) Saturated Filter Pack Unit Volume = $0.041\ [(D_B)^2 - (D_C)^2]\ (H_S)P$ = _____

(C) Total Unit Volume = (A) + (B) = 1.38

(D) Purge Volume = 3 * (C) = 4.16

Analytical Parameters

Collected	Parameters	Method	Preservatives
3x40 ml vial	VOC	8260	HCL / 4°C
4x1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1x500 ml poly	metals / Hardness Hg	(6010/7470A), 130.2	HNO_3 / 4°C
1x250 ml poly	cyanide	9010A/9012	NaOH / 4°C
1x125 ml poly	TOC	9060	H_2SO_4 / 4°C
1x1000 ml poly	turbidity, Alkalinity TSS/TDS/Anions	180.1, 310.1 160.2/160.1/300	4°C
1x500 ml poly	Total dissolved metals / Hg	6010/7470	HNO_3 / 4°C

QA/QC Sampling: Sample Duplicate: NO ✓; YES __ Well Number
MS/MSD Sample: NO ✓; YES __ Well Number:
Rinsate Blank: NO ✓; YES __ Well Number:
Field Blank: NO ✓; YES __ Well Number:

Sample Crew (Print):
Al Hardesty / Helen Owens (continues)

22K70809\i:\WINWORD\BOILERPL\ WI-015r4.DOC

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID MKMW19

Sample Date: 11/8/07

Figure 5 -7

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	) Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
1130		1gal initiated purging								
1205	7.95	80 ~~gal~~	1 gal	10.37	7.50	0.698	63.8	8.63	-62	Turbidity = water very
1220	8.40	80	1.5	10.43	7.45	0.694	58.7	6.91	-60	clear.
1235	8.09	80	1.75	11.11	7.41	0.692	64.1	5.26	-61	H/O 11/8/07
1250	8.10	80	2.0	11.80	7.40	~~to~~ 0.689	59.2	4.59	-61	
1305	8.15	80	2.25	11.47	7.38	0.690	63.0	1.90	-61	
	Terminated pumping for 20 minutes			~~7.38~~	~~0.701~~	~~66.0~~	~~1.65~~	~~63~~	H/O 11/8/07	
1330	7.88	80	2.25	10.38	7.38	0.701	66.0	1.65	-63	
1345	8.01	80	2.50	12.06	7.37	0.688	67.4	1.10	-60	
1400	8.09	80	3.0	12.39	7.37	0.689	69.8	0.62	-59	
1415	8.16	80	3.25	12.28	7.37	0.687	69.5	~~0.80~~ 0.67	-53	
1430	8.19	80	3.50	11.47	7.36	0.686	71.3	0.46	-50	
1445	8.22	80	4.0	11.73	7.36	0.684	73.2	0.34	-49	
1455	8.22	80	4.5	11.72	7.36	0.685	74.2	0.41	-49	
1500	8.20	80	4.6	11.49	7.36	0.685	74.0	0.36	-49	
1505	initiate sampling									
										Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that the ... e using the most current version of this document.

MK-MW19

Field Equipment: PID/OVA SN: _____ Calibration Date: _____ Initials :

~~YSI SN~~: Horiba U-22 Calibration Date: 11-8-07 Initials : AFH

Field measurement protocols followed with no exceptions (Y / N*) **Form completed by :** Helen Owens
Date :

*Field Deviations Made :

Manganese and ferrous iron field test - negative

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: AAI-BEDGW-001 COC Sample Numbers PBOW-07-GW-AAI-AAIBEDGW001-A,B,D
Plume Area: N/A Well Number: AAI-BEDGW-001
Arrival Date/Sample Time: 11/08/07 / 11/09/07 0930
Sampling Method : Bladder pump

Pump # _____	Pump Length 100'
Dedicated Pump Used NO	

Weather: overcast - cold - 46°

Well Total Depth : 56.2' ft BTOC. Screened Interval : 56 - 36 ft BTOC.
Background PID Reading : N/A PPM. Well PID Reading : N/A PPM.
Static Water Level : 35.13 ft BTOC. Pump Set Depth : 46' ft BTOC
LNAPLS Present : N/A DNAPLS Present : N/A

Purge volume calculations:
(D_c) Casing diameter (inches) 2", (H_s) Length of saturated screen interval (feet) 20,

(Db) Well boring diameter (inches) _____, (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = $0.041\ (D_c)^2\ (H_s)$ = _ ___

(B) Saturated Filter Pack Unit Volume = $0.041\ [(D_B)^2 - (D_C)^2]\ (H_s)P$ = _____

(C) Total Unit Volume = (A) + (B) = 3.2

(D) Purge Volume = 3 * (C) = 9.6 gallons

Analytical Parameters

Collected	Parameters	Method	Preservatives
3x40 ml Vial	VOC	8260	HCL / 4°C
4x1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1x500 ml poly	metals / Hardness Hg	(6010/7470A), 130.2	HNO_3 / 4°C
1x250 ml poly	cyanide	9010A/9012	NaOH / 4°C
1x125 ml poly	TOC	9060	H_2SO_4 / 4°C
1x1000 ml poly	turbidity, Alkalinity TSS/TDS/ Anions	180.1, 310.1 160.2/160.1/ 300	4°C
1x500 ml poly	Total dissolved metals / Hg	6010/7470	HNO_3 / 4°C

QA/QC Sampling: Sample Duplicate: NO __; YES X Well Number
MS/MSD Sample: NO X; YES __ Well Number:
Rinsate Blank: NO X; YES __ Well Number:
Field Blank: NO X; YES Well Number:

Sample Crew (Print): Al Hardesty, Helen Owens

(continues)

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID AAI-BED-GW-001

Figure 5 -7

Sample Date: 110907

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

DO meter broken

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	) Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
110907 1300	initiated purge		-	estimated yield at		150 ml/min	- sufficient	volume for	QA + FD	
1415			2.5	11.50	6.84	9.99	118	0.00	-380	
110907 0910	38.6	120 ml	3.0	10.05	6.83	9.66	32	0.00	-362	
0930					6.90	9.67	296	0.00	-361	
										Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

AA1 - BEDGW-001

Field Equipment: PID/OVA SN: _____ Calibration Date: _____ Initials :

~~YSI SN:~~ Horiba U-22 Calibration Date: 11-8-08 11-9-08 Initials : AFGH

Field measurement protocols followed with no exceptions (Y / N*) **Form completed by :** Al Hardesty

Date :

*Field Deviations Made :

water level was rising rapidly and the H_2S gas was gurgling - stopped pumping to prevent spray from well - sampled following morning without further purging

manganese and ferrous iron field tests - negative

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: AAI-BEDGW-003 COC Sample Numbers PBIW-07.GW.AAI.AAIBEDGW003.A
Plume Area: N/A Well Number: AAI-BEDGW-003
Arrival Date/Sample Time: 11/07/07 / 1220
Sampling Method : Bladder Pump

Pump #	Pump Length 100'
Dedicated Pump Used NO	

Weather: overcast cold - 40°

Well Total Depth : 67.25 ft BTOC. Screened Interval : 47'-67' ft BTOC.
Background PID Reading : N/A PPM. Well PID Reading : N/A PPM.
Static Water Level : ? ft BTOC. Pump Set Depth : 57' ft BTOC
LNAPLS Present : N/A DNAPLS Present : N/A

Purge volume calculations:
(D_c) Casing diameter (inches) 2", (H_s) Length of saturated screen interval (feet) 20',

(Db) Well boring diameter (inches) 6", (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = $0.041\ (D_c)^2\ (H_s)$ = _____

(B) Saturated Filter Pack Unit Volume = $0.041\ [(D_B)^2 - (D_C)^2]\ (H_S)P$ = _____

(C) Total Unit Volume = (A) + (B) = _____

(D) Purge Volume = 3 * (C) = 9.6 gallons

Analytical Parameters

Collected	Parameters	Method	Preservatives
3x40 ml Vial	VOC	8260	HCL / 4°C
4x1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1x500 ml poly	metals / Hardness Hg	(6010/7470A), 130.2	HNO_3 / 4°C
1x250 ml poly	cyanide	9010A/9012	NaOH / 4°C
1x125 ml poly	TOC	9060	H_2SO_4 / 4°C
1x1000 ml poly	turbidity, Alkalinity TSS/TDS/Anions	180.1, 310.1 160.2/160.1/300	4°C
1x500 ml poly	Total dissolved metals / Hg	6010/7470	HNO_3 / 4°C

QA/QC Sampling: Sample Duplicate: NO ✓; YES __ Well Number
MS/MSD Sample: NO ✓; YES __ Well Number:
Rinsate Blank: NO ✓; YES __ Well Number:
Field Blank: NO ✓; YES __ Well Number:

Sample Crew (Print): Al Hardesty, Helen Owens

(continues)

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID AAI-BEDGW-003

Figure 5 -7

Sample Date: 11/07/07

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	) Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
1210	unknown	100ml/min	1.25	9.29	7.47	3.53	25.5	0.0	-385	
1220	collected sample									well is sparging water from H_2S gas build up
										Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Field Equipment: PID/OVA SN: _____ Calibration Date: _____ Initials :

Horiba ~~YSI~~ SN: _____ Calibration Date: 11/7/07 Initials : AFH

Field measurement protocols followed with no exceptions (Y / N*) **Form completed by :** Al Hardesty

Date :

*Field Deviations Made :

Purged pump tubing - (1.25 gallons) - Collected samples immediately due to H_2S problem. Well is spewing water on the ground. Did not meet volume requirements or water parameter stabilization requirements

manganese and ferrous iron Hach tests were negative

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: AA1-BEDGW-004 COC Sample Numbers PBGW 07 GW AA1 AA1BEDGW004 A
Plume Area: N/A Well Number: AA1 - BEDGW-004
Arrival Date/Sample Time: 11/6/07 / 1610
Sampling Method : Bladder Pump.

Pump #	Pump Length 100'
Dedicated Pump Used NO	

Weather: windy, rainy, 35°

Well Total Depth : 71.4' ft BTOC. Screened Interval : 46.25 - 71.25' ft BTOC.
Background PID Reading : N/A PPM. Well PID Reading : N/A PPM.
Static Water Level : _____ ft BTOC. Pump Set Depth : 61.25' ft BTOC
LNAPLS Present : N/A DNAPLS Present : N/A

Purge volume calculations:
(D_c) Casing diameter (inches) 2", (H_s) Length of saturated screen interval (feet) 25',

(Db) Well boring diameter (inches) _____, (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = $0.041\ (D_c)^2\ (H_s)$ = _____

(B) Saturated Filter Pack Unit Volume = $0.041\ [(D_B)^2 - (D_C)^2]\ (H_S)P$ = _____

(C) Total Unit Volume = (A) + (B) = 4.0

(D) Purge Volume = 3 * (C) = 12.0

Analytical Parameters

Collected	Parameters	Method	Preservatives
3 x 40 ml vial	VOC	8260	HCL / 4°C
4 x 1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1 x 500 ml poly	metals / Hg / Hardness	(6010 / 7470A), 130.2	HNO_3 / 4°C
1 x 250 ml poly	cyanide	9010A / 9012	NaOH / 4°C
1 x 125 ml poly	TOC	9060	H_2SO_4 / 4°C
1 x 1000 ml poly	turbidity, Alkalinity TSS / TDS / Anions	180.1, 310.1 160.2 / 160.1 / 300	4°C
1 x 500 ml poly	Total dissolved metals / Hg	6010 / 7470	HNO_3 / 4°C

QA/QC Sampling: Sample Duplicate: NO ✓; YES __ Well Number
MS/MSD Sample: NO ✓; YES __ Well Number:
Rinsate Blank: NO ✓; YES __ Well Number:
Field Blank: NO ✓; YES __ Well Number:

Sample Crew (Print): Al Hardesty, Helen Owens

(continues)

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID AA1-BED-GW004

Figure 5 -7

Sample Date: 4/6/07

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
1050	36.63	200	1.5	9.16	7.39	1.70	119.0	8.65	-344	
1105	37.40	200	20	9.05	7.37	1.72	139.0	7.90	-347	
1120	38.49	200	2.5	8.95	7.21	1.78	168.0	6.23	-363	water in bucket is
1135	39.80	200	3.0	8.87	7.18	1.87	196.0	4.96	-372	blackish, but H_2O in
1150	41.34	200	3.5	9.23	7.16	1.92	161.0	4.03	-378	Horiba and tubing
1205	42.68	200	4.0	9.47	7.15	1.94	216.0	3.35	-383	is clear. Hyo
1220	43.94	200	5.0	9.58	7.15	2.05	206.0	2.80	-386	" "
1235	45.63	200	6.0	10.22	7.15	2.08	206.0	2.57	-389	" "
1250	47.94	200	6.5	10.97	7.16	2.12	207.0	2.33	-392	" "
1305	48.95	200	7.5	9.19	7.16	2.17	209.0	2.12	-391	" "
1320	50.19	200	8.0	9.14	7.17	2.18	206.0	1.67	-390	" "
1335	51.24	150	8.5	8.71	7.18	2.23	216.0	1.46	-391	adjusted rate to 150 ml/min.
1350	51.92	150	9.0	8.51	7.20	2.26	214.0	1.34	-391	water in tubing & Horiba
1405	52.44	150	9.5	8.54	7.21	2.33	207.0	1.26	-391	is clear. Hyo
1420	53.23	150	10.0	8.35	7.22	2.40	200.0	1.08	-392	" "
1435	53.85	100	10.5	8.16	7.23	2.49	211.0	0.83	-392	adjusted flow to 100 ml/min.
1450	54.18	100	11.0	7.80	7.24	2.55	214.0	0.73	-390	
1505	54.59	100	11.25	7.40	7.24	2.64	207.0	0.56	-392	
1520	54.75	50	11.35	6.55	7.25	2.72	213.0	0.39	-391	flow @ 50 ml/min
1535	54.55	50	11.50	5.06	7.26	2.76	214.0	0.10	-387	
1550	54.45	50	11.75	4.99	7.26	2.77	~~2.3~~ 2326	0.02	-386	
1605	~~56.63~~	—	—	—	—	—	—	—	—	
1610	initiate sampling									
1735	56.03									Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Field Equipment: PID/OVA SN: _____ Calibration Date: _____ Initials :

Horiba ~~YSI~~ SN: _____ Calibration Date: 11/6/07 Initials : AFH

Field measurement protocols followed with no exceptions (Y / N*) **Form completed by :** Al Hardesty

Date :

*Field Deviations Made :

well yield was 50 ml/min, well was pumped at 150-200 ml/min thus water levels were dropping. slowed pump to stabilize water level. Had to increase pump during sampling in order to finish before dark Increased to 150 ml/min half way thru the sampling effort.

manganese and ferrous iron tests were negative

No It is the user's responsibility to verify with their supervisor that th e using the most current version of this document.

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: MNTA-BEDGW-001 COC Sample Numbers: BGW-07-GW-AA1-MNTABEDGW001-A
Plume Area: N/A Well Number: MNTA-BEDGW-001
Arrival Date/Sample Time: 110707 / 110808 / 0830
Sampling Method: Bladder pump - low flow

Pump #	Pump Length 100'
Dedicated Pump Used No	

Weather: overcast - cold - 40°

Well Total Depth: 66.20 ft BTOC. Screened Interval: 66-46 ft BTOC.
Background PID Reading: N/A PPM. Well PID Reading: N/A PPM.
Static Water Level: 35.32 ft BTOC. Pump Set Depth: 56 ft BTOC
LNAPLS Present: N/A DNAPLS Present: N/A

Purge volume calculations:
(D_c) Casing diameter (inches) 2", (H_s) Length of saturated screen interval (feet) 20',

(Db) Well boring diameter (inches) 4", (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = $0.041\ (D_c)^2\ (H_s)$ = _____

(B) Saturated Filter Pack Unit Volume = $0.041\ [(D_B)^2 - (D_C)^2]\ (H_S)P$ = _____

(C) Total Unit Volume = (A) + (B) = 5.57

(D) Purge Volume = 3 * (C) = 16.71

Analytical Parameters

Collected	Parameters	Method	Preservatives
3x40 ml vial	VOC	8260	HCL / 4°C
4x1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1x500 ml poly	metals / Hardness Hg	(6010/7470A), 130.2	HNO_3 / 4°C
1x250 ml poly	cyanide	9010A/9012	NaOH / 4°C
1x125 ml poly	TOC	9060	H_2SO_4 / 4°C
1x1000 ml poly	turbidity, Alkalinity TSS/TDS/Anions	180.1, 310.1 160.2/160.1/300	4°C
1x500 ml poly	Total dissolved metals / Hg	6010/7470	HNO_3 / 4°C

QA/QC Sampling: Sample Duplicate: NO ✓; YES __ Well Number
MS/MSD Sample: NO ✓; YES __ Well Number:
Rinsate Blank: NO ✓; YES __ Well Number:
Field Blank: NO ✓; YES __ Well Number:

Sample Crew (Print): Al Hardesty, Helen Owens

(continues)

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID MNTA-BEDGW-001

Sample Date: 110807

Figure 5 -7

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	) Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
110807 0820	38.19			9.43	7.02	9.05	210.0	8.28	-389	
										Final Field Parameters

purged 2 gallons on 110707 restarted purging on 110807 at 0810. purged line and took pre horiba reading at 0820 before sampling at 0830.
well yield is very low - insufficient for purge dry and recovery methods

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

MMTA-BEDGW-001

Field Equipment: PID/OVA SN: _____ Calibration Date: _____ Initials :

Horiba ~~YSI~~ SN: _____ Calibration Date: 110807 Initials : AFH

Field measurement protocols followed with no exceptions (Y / N*) **Form completed by :** Al Hardesty

Date :

*Field Deviations Made :

Due to high H_2S gas pressure - purged minimal amount of water and sampled without meeting volume requirements or water parameter stabilization

Manganese and Ferrous Iron negative

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Round 2

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: PBOW - Acid Area COC Sample Numbers PBOW.08.GW.AA1 · AA1GW002 · A
Plume Area: N/A Well Number: AA1 - GW002
Arrival Date/Sample Time: 5.7.09 / 1615
Sampling Method : low flow - bladder pump

Pump # _____	Pump Length 25'
Dedicated Pump Used _____	

Well Total Depth : 25.3 ft BTOC. Screened Interval : 15'-25' ft BTOC.
Background PID Reading : _____ PPM. Well PID Reading : _____ PPM.
Static Water Level : 3.90 ft BTOC. Pump Set Depth : 20' ft BTOC
LNAPLS Present : _____ DNAPLS Present : _____

Purge volume calculations:
(D_c) Casing diameter (inches) 2", (H_s) Length of saturated screen interval (feet) 10',

(Db) Well boring diameter (inches) 6", (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = $0.041\ (D_c)^2\ (H_s)$ = 1.64

(B) Saturated Filter Pack Unit Volume = $0.041\ [(D_B)^2 - (D_C)^2]\ (H_s)P$ = 1.02

(C) Total Unit Volume = (A) + (B) = 2.67

(D) Purge Volume = 3 * (C) = 8.0

Analytical Parameters

Collected	Parameters	Method	Preservatives
3x40 ml vial	VOC	8260	HCL / 4°C
4x1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1x500 ml poly	metals / Hg / Hardness	(6010/7470A), 130.2	HNO_3 / 4°C
1x250 ml poly	cyanide	9010A/9012	NaOH / 4°C
1x125 ml poly	TOC	9060	H_2SO_4 / 4°C
1x1000 ml poly	turbidity, Alkalinity TSS/TDS/Anions	180.1, 310.1 160.2/160.1/300	4°C

QA/QC Sampling: Sample Duplicate: NO ✓; YES __ Well Number
MS/MSD Sample: NO ✓; YES __ Well Number:
Rinsate Blank: NO ✓; YES __ Well Number:
Field Blank: NO ✓; YES __ Well Number:

Sample Crew (Print):
Al Hardesty, Helen Owens

(continues)

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Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID AAI-GW002

Figure 5 -7

Sample Date: 5/7/08

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
1248	Initiate purge - setting optimal pump rate									
1305	3.61		1.0	12.75	5.38	4.04	~~0.23~~ 572.0	13.55	59	
1320	3.68	150	2.0	11.54	5.56	4.04	218	5.27	33	
1335	3.71	150	2.5	11.02	5.53	3.88	275	3.3	28	
1350	3.73	150	3.0	10.80	5.51	3.86	196	2.94	28	
1405	3.72	130	3.5	11.36	5.51	3.79	214	2.50	25	
1420	3.71	130	4.0	11.66	5.51	3.77	210	2.47	23	
1435	3.71	130	4.5	11.85	5.51	3.71	228	3.71	20	
1450	3.78	130	5.0	11.10	5.50	3.69	181	2.50	20	
1505	3.74	130	5.5	10.96	5.49	3.62	139	2.30	17	
1520	3.74	130	6.0	11.70	5.49	3.56	236	2.20	11	
1535	3.75	130	7.25	11.08	5.48	3.56	144	2.43	13	
1550	3.75	130	7.75	10.72	5.47	3.53	148	2.23	12	
1605	3.77	130	8.00	9.71	5.45	3.52	155	2.09	12	
1615	3.72	130	8.25	10.0	5.44	3.50	155	1.91	10	
Final	3.89									
										Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

AAI-GW007

Field Equipment: PID/OVA SN: _____ Calibration Date: _____ Initials :

Horiba U-22

~~YSI~~ SN: _____ Calibration Date: 5-7-08 Initials : AFH

Field measurement protocols followed with no exceptions (Y / N*) **Form completed by :** Al Hardesty

Date :

*Field Deviations Made :

manganese + ferrous iron field test negative

No' It is the user's responsibility to verify with their supervisor that th e using the most current version of this document.

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: PBOW - Acid Area1 COC Sample Numbers PBOW.08.GW.AAI.AAIGW003.A
Plume Area: Well Number: AAI - GW003
Arrival Date/Sample Time: 5.6.08 / 0930 5/7/08
Sampling Method : Bladder pump - low flow

Pump #	Pump Length 25'
Dedicated Pump Used No	

Weather: Sunny

Well Total Depth : 12.51' ft BTOC. Screened Interval : 7.5'-12.5' ft BTOC.
Background PID Reading : N/A PPM. Well PID Reading : N/A PPM.
Static Water Level : 4.63' ft BTOC. Pump Set Depth : 10.25' ft BTOC
LNAPLS Present : N/A DNAPLS Present : N/A

Purge volume calculations:
(D_c) Casing diameter (inches) 2", (H_s) Length of saturated screen interval (feet) 5',

(Db) Well boring diameter (inches) 6", (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = 0.041 $(D_c)^2$ (H_s) = 1.64

(B) Saturated Filter Pack Unit Volume = 0.041 $[(D_B)^2 - (D_C)^2]$ $(H_S)P$ = 1.02

(C) Total Unit Volume = (A) + (B) = 2.66

(D) Purge Volume = 3 * (C) = 8.0

Analytical Parameters

Collected	Parameters	Method	Preservatives
3x40 ml Vial	VOC	8260	HCL / 4°C
4x1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1x500 ml poly	metals / Hardness	(6010/7470A), 130.2	HNO_3 / 4°C
1x250 ml poly	cyanide	9010A/9012	NaOH / 4°C
1x125 ml poly	TOC	9060	H_2SO_4 / 4°C
1x1000 ml poly	turbidity, Alkalinity TSS/TDS/ Anions	180.1, 310.1 160.2/160.1/ 300	4°C

QA/QC Sampling: Sample Duplicate: NO ✓; YES __ Well Number
MS/MSD Sample: NO __; YES ✓ Well Number:
Rinsate Blank: NO ✓; YES __ Well Number:
Field Blank: NO ✓; YES __ Well Number:

Sample Crew (Print):
Al Hardesty, Helen Owens (continues)

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Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID AA1-GW003

Figure 5 -7

Sample Date: 5/7/08

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
1315	Initiated purge - setting optimum pump rate									
1430	4.85	120	3.0	11.73	5.26	.809	352*	9.13	104	water is clear
1500	4.83	120	3.75	12.05	5.37	.840	148	3.25	84	
1515	4.84	120	4.25	11.21	5.37	.848	150	2.56	82	
1530	4.84	120	4.75	11.04	5.36	.839	156	2.04	82	
1545	4.85	120	5.25	11.51	5.36	.835	153	1.71	82	
1615	4.85	120	6.50	11.37	5.33	.841	159	1.44	86	
1645	4.85	120	7.75	11.46	5.05	.825	173	6.89	127	
5/7/08										
Resumed purging										
0815										
0830	4.84	120	7.85	9.18	5.23	0.849	210	4.18	117	
0845	4.85	120	8.50	9.80	5.27	0.852	207	2.53	114	
0900	4.86	120	9.25 810.0	9.62	5.28	0.858	227	2.19	114	
0915	4.86	120	10.25	10.15	5.29	0.859	250	1.92	113	
0930	4.86	120	10.50	10.47	5.30	0.858	271	1.73	112	
Final	4.80									
										Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

AAI-GW-003

Field Equipment: PID/OVA SN: _____ Calibration Date: _____ Initials :

~~YSI SN~~: Horiba U-22 Calibration Date: 5-6-07 Initials : AFH

Field measurement protocols followed with no exceptions (Y / N*) Form completed by : Helen Owens
Date :

*Field Deviations Made :

Manganese + ferrous iron field test

Negative

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: Plum Brook Acid Area COC Sample Numbers PBOW.08.GW.AA1.AAGW004.A
Plume Area: _____ Well Number: AA1GW004
Arrival Date/Sample Time: ~~5/3/08~~ 5/4/08 / 1630
Sampling Method : low flow bladder pump

Pump # _____	Pump Length 25'
Dedicated Pump Used NO	

Well Total Depth : 12.5' ft BTOC. Screened Interval : ~~5 to~~ 7.5' - 12.5' ft BTOC.
Background PID Reading : N/A PPM. Well PID Reading : N/A PPM.
Static Water Level : 2.82 ft BTOC. Pump Set Depth : 12.25' ft BTOC
LNAPLS Present : N/A DNAPLS Present : N/A

Purge volume calculations:
(D_c) Casing diameter (inches) 2", (H_s) Length of saturated screen interval (feet) 5',

(Db) Well boring diameter (inches) 6", (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = $0.041\ (D_c)^2\ (H_s)$ = .82

(B) Saturated Filter Pack Unit Volume = $0.041\ [(D_B)^2 - (D_C)^2]\ (H_s)P$ = 1.97

(C) Total Unit Volume = (A) + (B) = 2.79

(D) Purge Volume = 3 * (C) = 8.37

Analytical Parameters

Collected	Parameters	Method	Preservatives
3x40 ml Vial	VOC	8260	HCL / 4°C
4x1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1x500 ml poly	metals / Hardness	(6010/7470A), 130.2	HNO_3 / 4°C
1x250 ml poly	cyanide	9010A/9012	NaOH / 4°C
1x125 ml poly	TOC	9060	H_2SO_4 / 4°C
1x1000 ml poly	turbidity, Alkalinity TSS/TDS/ Anions	180.1, 310.1 160.2/160.1/ 300	4°C

QA/QC Sampling: Sample Duplicate: NO ✓; YES __ Well Number
MS/MSD Sample: NO ✓; YES __ Well Number:
Rinsate Blank: NO ✓; YES __ Well Number:
Field Blank: NO ✓; YES __ Well Number:

Sample Crew (Print):
Al Hardesty, Helen Owens

(continues)

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID AAI GW004

Sample Date: 5/4/08

Figure 5 -7

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
1120	3.17	90	1	11.62	4.19	3.48	80.2	8.72	212	
1135	3.16	100	1.25	11.08	4.71	3.49	121.0	4.25	168	
1150	3.20	100	1.75	10.06	4.75	3.36	222.0	3.61	162	
1205	3.20	100	1.90	10.45	4.76	3.30	229.0	3.50	161	
1220	3.20	100	2.0	11.0	4.78	3.17	286.0 ①	3.25	159	① water very clear
1235	3.21	100	2.5	10.68	4.78	2.89	355.0	2.98	158	
1250	3.23	100	3.0	10.99	4.81	2.62	431.0	2.71	157	
1305	3.24	100	3.5	11.16	4.82	2.43	526.0	2.57	156	
~~1405~~ 1320	3.24	100	3.75	11.02	4.82	2.31	597.0 ②	2.41	155	② Bubbles on inside of cup - knocked loose.
1335	3.25	100	4.0	12.02	4.84	2.24	1.5	2.25	155	
1350	3.28	100	4.25	10.63	4.83	2.10	-0.7	2.11	154	
1405	3.28	100	5.5	11.28	4.85	2.06	-1.3	2.20	153	
1420	3.29	100	6.0	11.47	4.86	1.98	2.2	2.23	153	
1435	3.30	100	6.25	10.88	4.85	1.95	16.5	2.33	154	
1450	3.31	100	6.50	9.29	4.84	1.93	35.5	2.40	154	
1505	3.32	100	7.0	10.01	4.86	1.87	4.7	2.31	153	
1520	3.21	100	7.5	10.64	4.85	1.88	4.7	2.39	152	
1535	3.26	100	8.0	10.64	4.85	1.94	10.2	2.45	152	
~~1605~~ 1550	3.26	100	8.25	10.53	4.85	1.89	8.6	2.42	152	
1605	3.27	100	8.50	10.48	4.84	1.92	10.8	2.39	153	
1620	3.31	100	8.75	10.45	4.85	1.87	11.3	2.37	153	
Final	water level									
	3.22									
										Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

AAI-GW004

Field Equipment: PID/OVA SN: _____ Calibration Date: _____ Initials :

~~YSI SN:~~ Horiba U-22 Calibration Date: 5.4.08 Initials : AFH

Field measurement protocols followed with no exceptions (Y) N*) **Form completed by :** Helen Owens

Date :

*Field Deviations Made :

Manganese and ferrous iron field test - negative

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: PBOW - AA1 COC Sample Numbers PBOW-08-GW-AA1-AA1GW005-A
Plume Area: N/A Well Number: AA1-GW005
Arrival Date/Sample Time: 5-6-08 / 5-8-08 0915
Sampling Method : bailer

Pump #	Pump Length 25'
Dedicated Pump Used NO	

Well Total Depth : 12.52' ft BTOC. Screened Interval : 7.5'-12.5' ft BTOC.
Background PID Reading : N/A PPM. Well PID Reading : N/A PPM.
Static Water Level : 7.77 ft BTOC. Pump Set Depth : 12.25 ft BTOC
LNAPLS Present : N/A DNAPLS Present : N/A

Purge volume calculations:
(D_c) Casing diameter (inches) 2 , (H_s) Length of saturated screen interval (feet) ~~5~~ 4.73',

(Db) Well boring diameter (inches) 6, (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = 0.041 $(D_c)^2$ (H_s) = .77

(B) Saturated Filter Pack Unit Volume = 0.041 $[(D_B)^2 - (D_C)^2]$ $(H_S)P$ = 1.86

(C) Total Unit Volume = (A) + (B) = 2.63

(D) Purge Volume = 3 * (C) = 7.89

Analytical Parameters

Collected	Parameters	Method	Preservatives
3x40 ml vial	VOC	8260	HCL / 4°C
4x1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1x500 ml poly	metals / Hardness	(6010/7470A), 130.2	HNO_3 / 4°C
1x250 ml poly	cyanide	9010A/9012	NaOH / 4°C
1x125 ml poly	TOC	9060	H_2SO_4 / 4°C
1x1000 ml poly	turbidity, Alkalinity TSS/TDS/ Anions	180.1, 310.1 160.2/160.1/ 300	4°C

QA/QC Sampling: Sample Duplicate: NO ✓; YES __ Well Number
MS/MSD Sample: NO ✓; YES __ Well Number:
Rinsate Blank: NO ✓; YES __ Well Number:
Field Blank: NO ✓; YES __ Well Number:

Sample Crew (Print):
Al Hardesty / Helen Owens

(continues)

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID AA1-GW005

Figure 5 -7

Sample Date: 5-8-08

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
1040	7.82	70 ml	1 gal	14.31	4.69	0.761	106	16.98	175	
1058	7.84	turned	pump off	to do recovery test		(pump turned off at 1044)				
1113	7.815	recovery rate of	1 foot	every	10 hours	- will	resume	pumping to	purge well dry.	
1215	*		4.75	12.84	4.89	1.14	17	13.05	159	*WL below top of pump 710.31'
1230	Discontinued	purging	- well	is dry	- no water	discharging	from	pump.		
	removed pump	from	well.							
5-8-08										
0915	sample well	with	bailer	- took	more	than	24 hours	for	adequate	well recovery
										Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that they [illegible] using the most current version of this document.

AAI - GW005

Field Equipment: PID/OVA SN: _____ Calibration Date: _____ Initials :

~~YSI SN:~~ ~~5-6-08~~ Horiba U-22 Calibration Date: 5-6-03 Initials : AFK

Field measurement protocols followed with no exceptions (Y / N*) **Form completed by :** Al Hardesty

Date :

*Field Deviations Made :

purged well dry - sampled on recovery with bailer.

Manganese + ferrous iron field test - negative

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: PBOW - Acid Area 1 COC Sample Numbers PBOW·08·GW·AAI·AAIGWMKMW19·A,B and D.
Plume Area: N/A Well Number: MK - MW19
Arrival Date/Sample Time: 5/5/08 / 1245
Sampling Method : Bladder Pump - low flow

Pump # 25' line pump	Pump Length 25' tubing
Dedicated Pump Used No	

Weather: Sunny

Well Total Depth : 16.22 ft BTOC. Screened Interval : 6'-16' ft BTOC.
Background PID Reading : N/A PPM. Well PID Reading : N/A PPM.
Static Water Level : 3.58 ft BTOC. Pump Set Depth : 11' ft BTOC
LNAPLS Present : N/A DNAPLS Present : N/A

Purge volume calculations:
(D_c) Casing diameter (inches) 2", (H_s) Length of saturated screen interval (feet) 10',

(Db) Well boring diameter (inches) 4", (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = 0.041 $(D_c)^2$ (H_s) = 1.64

(B) Saturated Filter Pack Unit Volume = 0.041 $[(D_B)^2 - (D_C)^2]$ $(H_S)P$ = 1.46

(C) Total Unit Volume = (A) + (B) = 3.10

(D) Purge Volume = 3 * (C) = 9.30

Analytical Parameters

Collected	Parameters	Method	Preservatives
3x40 ml Vial	VOC	8260	HCL / 4°C
4x1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1x500 ml poly	metals / Hardness	(6010/7470A), 130.2	HNO_3 / 4°C
1x250 ml poly	cyanide	9010A/9012	NaOH / 4°C
1x125 ml poly	TOC	9060	H_2SO_4 / 4°C
1x1000 ml poly	turbidity, Alkalinity TSS/TDS/ Anions	180.1, 310.1 160.2/160.1/ 300	4°C

QA/QC Sampling: Sample Duplicate: NO ___ YES ✓ Well Number
MS/MSD Sample: NO ✓; YES ___ Well Number:
Rinsate Blank: NO ✓; YES ___ Well Number:
Field Blank: NO ✓; YES ___ Well Number:

Sample Crew (Print):
Al Hardesty / Helen Owens (continues)

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Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID MK-MW19

Sample Date: 5/5/08

Figure 5 -7

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
0900	4.06	150	0.75	7.32	4.96	0.965	40.9	4.47	158	
0915	4.08	150	1.0	7.68	5.03	0.944	25.7	3.72	152	
0930	4.08	150	~~1.5~~ 2.0	8.15	5.07	0.929	19.5	3.35	149	
0945	4.08	150	3.0	8.11	5.09	0.915	14.8	3.05	147	
1000	4.09	150	3.5	8.20	5.11	0.903	12.8	2.69	145	
1015	4.08	150	4.0	9.07	5.13	0.899	14.5	2.37	143	
1030	4.10	150	4.5	9.01	5.14	0.895	19.3	2.33	143	
1045	4.10	150	5.0	9.27	5.15	0.885	23.4	2.22	142	
1100	4.10	150	5.5	9.68	5.16	0.883	26.6	2.04	141	
1115	4.11	150	6.0	9.27	5.17	0.875	29.2	1.98	141	
1130	4.11	150	6.5	9.63	5.18	0.870	29.4	1.87	140	
1145	4.13	150	7.0	9.65	5.18	0.877	32.1	1.76	140	
1200	4.13	150	7.5	9.68	5.19	0.871	32.8	1.67	139	
1215	4.13	150	8.0	9.68	5.19	0.861	34.0	1.36	139	
1230	4.14	150	8.5	9.49	5.19	0.859	35.8	1.28	139	
1245	4.15	150	9.0	9.84	5.18	0.857	38.0	1.23	139	
1500	4.08									
										Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

MK - MW19

Field Equipment: PID/OVA SN: _____ Calibration Date: _____ Initials :

~~YSI SN:~~ Horiba U-22 Calibration Date: 5-5-08 Initials : AFH

Field measurement protocols followed with no exceptions (Y) N*) **Form completed by :** Helen Owens

Date :

*Field Deviations Made :

iron and manganese field tests - negative

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Round 2

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: PBOW - Acid Area 1 COC Sample Numbers PBOW·08·GW·AA1· AAIGWBED001· A
Plume Area: N/A Well Number: AA1 - BEDGW-001
Arrival Date/Sample Time: 5·7·08 / 1545
Sampling Method : Bladder pump - low flow

Pump # _____	Pump Length 100'
Dedicated Pump Used No	

Weather: Sunny

Well Total Depth : 56.2' ft BTOC. Screened Interval : 56'-36' ft BTOC.
Background PID Reading : N/A PPM. Well PID Reading : N/A PPM.
Static Water Level : 37.54 ft BTOC. Pump Set Depth : 46' ft BTOC
LNAPLS Present : N/A DNAPLS Present : N/A

Purge volume calculations:
(D_c) Casing diameter (inches) 2 , (H_s) Length of saturated screen interval (feet) 20',

(Db) Well boring diameter (inches) 4", (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = 0.041 $(D_c)^2$ (H_s) = _____

(B) Saturated Filter Pack Unit Volume = 0.041 $[(D_B)^2 - (D_C)^2]$ $(H_s)P$ = _____

(C) Total Unit Volume = (A) + (B) = 3.28

(D) Purge Volume = 3 * (C) = 9.84

Analytical Parameters

Collected	Parameters	Method	Preservatives
3x40 ml Vial	VOC	8260	HCL / 4°C
4x1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1x500 ml poly	metals / Hardness	(6010/7470A), 130.2	HNO_3 / 4°C
1x250 ml poly	cyanide	9010A/9012	NaOH / 4°C
1x125 ml poly	TOC	9060	H_2SO_4 / 4°C
1x1000 ml poly	turbidity, Alkalinity TSS/TDS/ Anions	180.1, 310.1 160.2/160.1/ 300	4°C

QA/QC Sampling: Sample Duplicate: NO ✓; YES __ Well Number
MS/MSD Sample: NO ✓; YES __ Well Number:
Rinsate Blank: NO ✓; YES __ Well Number:
Field Blank: NO ✓; YES __ Well Number:

Sample Crew (Print):

Al Hardesty, Helen Owens

(continues)

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID AAI-BEDGW-001

Figure 5 -7

Sample Date: _____

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
1004	Started purge									
1045	36.8 +/-	100 ml	2.0	16.33	6.18	9.41	601	0.78	-398	water level surging and splashing from HZS
1130	32.9 +/-	120 ml	3.0	15.98	6.46	9.63	136	0.57	-412	high splash point
1145	34 +/-	160 ml	3.5	14.89	6.55	9.42	744	0.28	-417	
1200	34.9 +/-	160 ml	4.0	17.47	6.61	10.3	241	0.58	-420	
1245	37.8 +/-	160 ml	5.25	16.11	6.25	10.4	369	0.29	-420	
1300	37.2 +/-	160 ml	6.25	16.21	6.63	10.7	467	0.37	-423	
1330	36.8	150 ml	7.5	15.52	6.64	10.4	202	0.38	-424	
1345	37.2	150 ml	8.25	15.55	6.64	9.33	202	0.45	-425	
1400	37.4	160 ml	9.0	15.38	6.65	9.18	255	0.39	-425	
1430	37.3	160 ml	10.5	16.50	6.66	8.42	109	0.66	-426	
1500	38.3	160 ml	12.0	14.61	6.66	8.13	505	0.63	-423	
1515	38.4	160 ml	12.5	15.01	6.66	8.10	128	0.49	-425	
1530	38.3	160 ml	13.25	14.65	6.67	7.90	319	0.44	-426	
1545	38.15	160 ml	13.75	14.35	6.68	8.02	504	0.43	-427	
1545	Sample									
										Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

AA1-BEDGW-001

Field Equipment: PID/OVA SN: _____ Calibration Date: _____ Initials :

~~YSI SN:~~ Horiba U-22 Calibration Date: 5.7.08 Initials : AFH

Field measurement protocols followed with no exceptions (Y / N*) **Form completed by :** Al Hardesty
Date :

*Field Deviations Made :

manganese and iron tests in field - negative

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: PBOW- Acid Area 1 COC Sample Numbers PBOW-08-GW-AAI-AAIBEDGW002-A
Plume Area: N/A Well Number: AAI - BEDGW - 002
Arrival Date/Sample Time: 5-4-08 / 1530
Sampling Method : Bailer

Pump # _____	Pump Length N/A
Dedicated Pump Used N/A	

Weather: Sunny

Well Total Depth : 65.25' ft BTOC. Screened Interval : 51.85'-67.15' ft BTOC.
Background PID Reading : N/A PPM. Well PID Reading : N/A PPM.
Static Water Level : 56.66 ft BTOC. Pump Set Depth : N/A ft BTOC
LNAPLS Present : N/A DNAPLS Present : N/A

Purge volume calculations:
(D_c) Casing diameter (inches) 2", (H_s) Length of saturated screen interval (feet)_____,

(Db) Well boring diameter (inches) 6", (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = $0.041\ (D_c)^2\ (H_s)$ = _____

(B) Saturated Filter Pack Unit Volume = $0.041\ [(D_B)^2 - (D_C)^2]\ (H_s)P$ = _____

(C) Total Unit Volume = (A) + (B) = _____

(D) Purge Volume = 3 * (C) = N/A

Analytical Parameters

Collected	Parameters	Method	Preservatives
3x40 ml Vial	VOC	8260	HCL / 4°C
4x1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1x500 ml poly	metals / Hardness	(6010/7470A), 130.2	HNO_3 / 4°C
1x250 ml poly	cyanide	9010A/9012	NaOH / 4°C
1x125 ml poly	TOC	9060	H_2SO_4 / 4°C
1x1000 ml poly	turbidity, Alkalinity TSS/TDS / Anions	180.1, 310.1 160.2/160.1/300	4°C

QA/QC Sampling: Sample Duplicate: NO ✓; YES __ Well Number
MS/MSD Sample: NO ✓; YES __ Well Number:
Rinsate Blank: NO ✓; YES __ Well Number:
Field Blank: NO ✓; YES __ Well Number:

Sample Crew (Print):

Al Hardesty, Helen Owens

(continues)

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID AAI-BEDGW-002

Figure 5 -7

Sample Date: 5-4-08

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	) Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
No water parameters were measured due to minimal water available for sampling. No purge - direct sample available water column										
										Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

AAI-BEDOW.002

Field Equipment: PID/OVA SN: N/A Calibration Date: N/A Initials :

YSI SN: N/A Calibration Date: N/A Initials :

Field measurement protocols followed with no exceptions (Y / N*) **Form completed by :** Al Hardesty
Date :

*Field Deviations Made :

No purge or water parameter measurements - collected available water column with disposable bailer.

no manganese or iron field testing conducted.

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: Acid Area 1 COC Sample Numbers PBOW-03-GW-AAI-AAIBEDGW003-A
Plume Area: Well Number: AAI-BEDGW-003
Arrival Date/Sample Time: 5-4-08 / 1530
Sampling Method: Bladder pump - purge line + sample

Pump #	Pump Length 100' tubing
Dedicated Pump Used Deep well pump	

Weather: rainy

Well Total Depth: 67.25' ft BTOC. Screened Interval: 47'-67' ft BTOC.
Background PID Reading: N/A PPM. Well PID Reading: N/A PPM.
Static Water Level: 30' +/- ft BTOC. Pump Set Depth: 57' ft BTOC
LNAPLS Present: N/A DNAPLS Present: N/A

Purge volume calculations:
(D_c) Casing diameter (inches) _____, (H_s) Length of saturated screen interval (feet)_____,

(Db) Well boring diameter (inches) _____, (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = $0.041\ (D_c)^2\ (H_s)$ = _____

(B) Saturated Filter Pack Unit Volume = $0.041\ [(D_B)^2 - (D_C)^2]\ (H_S)P$ = _____

(C) Total Unit Volume = (A) + (B) = _____

(D) Purge Volume = 3 * (C) = N/A

Analytical Parameters

Collected	Parameters	Method	Preservatives
3 x 40 ml Vial	VOC	8260	HCL / 4°C
4 x 1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1 x 500 ml poly	metals / Hardness	(6010/7470A), 130.2	HNO_3 / 4°C
1 x 250 ml poly	cyanide	9010A/9012	NaOH / 4°C
1 x 125 ml poly	TOC	9060	H_2SO_4 / 4°C
1 x 1000 ml poly	turbidity, Alkalinity TSS/TDS/Anions	180.1, 310.1 160.2/160.1/300	4°C

QA/QC Sampling: Sample Duplicate: NO ✓; YES __ Well Number
MS/MSD Sample: NO ✓; YES __ Well Number:
Rinsate Blank: NO ✓; YES __ Well Number:
Field Blank: NO ✓; YES __ Well Number:

Sample Crew (Print):
Al Hardesty, Helen Owens

(continues)

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID AAI-BEDGW-003

Figure 5 -7

Sample Date: ~~AAI-BEDGW-003~~ 5-2-08

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	) Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
1530	Begin purge		- no water parameters to be taken - purge sample taking and sample							
1545	26.0+/-		1 gal							
1545	Begin sampling									
1621	Complete Sampling									
										Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

AAI-BEDGW.003

Field Equipment: PID/OVA SN: _____ Calibration Date: N/A Initials :

~~YSI SN:~~ Horiba U-22 Calibration Date: N/A ~~N/A~~ Initials : AFH

Field measurement protocols followed with no exceptions (Y / N*) **Form completed by :** Al Hardesty

Date :

*Field Deviations Made :

Did not measure water quality parameters and did not meet purge requirements due to H_2S gas. Sample cooler shipment did not arrive to the lab on Saturday May 3. Holding times for turbidity and anions were exceeded. Resampled turbidity and anions on 5.4.08 at 3:30 PM. Purged sampling line before collecting second time.

No manganese or iron Testing performed

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Round 2

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: PBOW - Acid Anal COC Sample Numbers PBOW.08.GW.AA1. AA1BEDGW004.A
Plume Area: N/A Well Number: AA1 - BEDGW004
Arrival Date/Sample Time: 5/6/08 / 1615
Sampling Method : Bladder pump - Low flow

Pump # _____	Pump Length 100'
Dedicated Pump Used No	

Weather: Sunny

Well Total Depth : 71.4' ft BTOC. Screened Interval : 46.25 - 71.25' ft BTOC.
Background PID Reading : N/A PPM. Well PID Reading : N/A PPM.
Static Water Level : 33.56 ft BTOC. Pump Set Depth : 61.25' ft BTOC
LNAPLS Present : N/A DNAPLS Present : N/A

Purge volume calculations:
(D_c) Casing diameter (inches) 2", (H_s) Length of saturated screen interval (feet) 25',

(Db) Well boring diameter (inches) 6", (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = $0.041\ (D_c)^2\ (H_s)$ = _____

(B) Saturated Filter Pack Unit Volume = $0.041\ [(D_B)^2 - (D_C)^2]\ (H_S)P$ = _____

(C) Total Unit Volume = (A) + (B) = 4.0

(D) Purge Volume = 3 * (C) = 12.0

Analytical Parameters

Collected	Parameters	Method	Preservatives
3x40 ml Vial	VOC	8260	HCL / 4°C
4x1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1x500 ml poly	metals / Hardness	(6010/7470A), 130.2	HNO_3 / 4°C
1x250 ml poly	cyanide	9010A/9012	NaOH / 4°C
1x125 ml poly	TOC	9060	H_2SO_4 / 4°C
1x1000 ml poly	turbidity, Alkalinity TSS/TDS/Anions	180.1, 310.1 160.2/160.1/300	4°C

QA/QC Sampling: Sample Duplicate: NO ✓; YES __ Well Number
MS/MSD Sample: NO ✓; YES __ Well Number:
Rinsate Blank: NO ✓; YES __ Well Number:
Field Blank: NO ✓; YES __ Well Number:

Sample Crew (Print):
Al Hardesty, Helen Owens (continues)

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID AAI-BEDOW-004

Figure 5 -7

Sample Date: 5-6-08

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	) Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
0930	Begin	purge	and optimal	pump	rate	setting				
1015	35.07	150 ml	1.5	14.53	6.83	1.57	222	0.00	-347	
1030	35.47	150 ml	2.75	14.76	7.03	1.55	441	0.00	-355	
1045	36.03	150 ml	3.5	15.30	6.96	1.54	258	0.00*	-367	DO not working
1100	36.09	100 ml	4.0	16.57	6.92	1.50	462	–	-370	
1130	36.19	100 ml	4.75	18.13	6.87	1.62	186	–	-372	
1200	36.27	100 ml	5.25	18.23	6.75	1.92	136	–	-374	
1215	36.39	100 ml	5.50	19.16	6.77	1.89	227*	–	-378	water is clear H_2S
1230	36.49	80 ml	6.00	19.06	6.74	1.90	697*	–	-380	bubbles forming in flow cell.
1300	35.82	50 ml	6.25	23.53	6.65	1.82	486*	0.63	-381	
1330	36.80	100 ml	6.75	19.06	6.69	1.94	227	–	-383	
1400	36.59	80 ml	7.25	20.56	6.77	2.15	333	0.32	-385	
1445	37.62	100 ml	8.00	15.9	6.69	2.02	188	–	-386	
1500	37.82	100 ml	8.50	18.95	6.68	1.90	190	0.31	-392	
1530	37.80	100 ml	8.75	19.00	6.65	2.12	537*	0.59	-394	bubbles
1545	37.89	100 ml	9.25	19.26	6.65	2.06	652	0.77	-396	
1600	37.85	100 ml	9.5	19.55	6.69	2.14	184	0.89	-396	
1615	37.83	100 ml	10.0	19.15	6.70	2.13	108	0.91	-396	
1615	begin	sampling								
										Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

AA1- BEDGW-004

Field Equipment: PID/OVA SN: _____ Calibration Date: _____ Initials :

~~YSI SN:~~ Horiba U-22 Calibration Date: 5-6-08 Initials : AFH

Field measurement protocols followed with no exceptions (Y / N*) **Form completed by :** Al Hardesty
Date :

*Field Deviations Made :

Iron + manganese field tests - negative

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Figure 5- 7

GROUNDWATER SAMPLING FIELD DATA FORM

Location ID: PBOW- Acid Area 1 COC Sample Numbers PBOW·08·GW·AA1· MNTABEDGW001 ·A
Plume Area: N/A Well Number: MNTA - BEDGW-001
Arrival Date/Sample Time: 5-5-08 / 1300
Sampling Method : Bladder pump - Low flow

Pump # _____	Pump Length 100'
Dedicated Pump Used No	

Well Total Depth : 66.2 ft BTOC. Screened Interval : 46 - 66' ft BTOC.
Background PID Reading : N/A PPM. Well PID Reading : N/A PPM.
Static Water Level : 35.34.42 ft BTOC. Pump Set Depth : 56' ft BTOC
LNAPLS Present : N/A DNAPLS Present : N/A

Purge volume calculations:
(D_c) Casing diameter (inches) 2", (H_s) Length of saturated screen interval (feet) 20'.

(Db) Well boring diameter (inches) 4", (P) Effective porosity of filter pack (dimensionless) = 0.3

(A) Well Screen Unit Volume = $0.041\ (D_c)^2\ (H_s)$ = _____

(B) Saturated Filter Pack Unit Volume = $0.041\ [(D_B)^2 - (D_C)^2]\ (H_S)P$ = _____

(C) Total Unit Volume = (A) + (B) = 5.57

(D) Purge Volume = 3 * (C) = 16.71

Analytical Parameters

Collected	Parameters	Method	Preservatives
3x40 ml Vial	VOC	8260	HCL / 4°C
4x1000 ml amber	SVOC, PCB, Explosives	8270, 8082, 8330	4°C
1x500 ml poly	metals / Hardness	(6010/7470A), 130.2	HNO_3 / 4°C
1x250 ml poly	cyanide	9010A/9012	NaOH / 4°C
1x125 ml poly	TOC	9060	H_2SO_4 / 4°C
1x1000 ml poly	turbidity, Alkalinity TSS/TDS / Anions	180.1, 310.1 160.2 / 160.1 / 300	4°C

QA/QC Sampling: Sample Duplicate: NO ✓; YES __ Well Number
MS/MSD Sample: NO ✓; YES __ Well Number:
Rinsate Blank: NO ✓; YES __ Well Number:
Field Blank: NO ✓; YES __ Well Number:

Sample Crew (Print):
Al Hardesty, Helen Owens (continues)

22K70809\I:\WINWORD\BOILERPL\ WI-015r4.DOC

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Well ID MNTA-BEDGW-001

Figure 5 -7

Sample Date: _____

GROUNDWATER SAMPLING FIELD DATA FORM (continued)

Final Well Purging - Field Water Quality Measurement Table

Time	Depth to Water (ft)	) Purge Rate (ml/min)	Total Purge (gal)	Temp (C) Stab. Para. (± 0.5 deg.)	pH Stab. Para. (± 0.2)	Sp. Cond. (mS/cm) Stab. Para. (± 3%)	Turbidity (NTUs) Stab. Para. (± 10%)	DO (mg/L) Stab. Para. (± 10%)	ORP (mV) Stab. Para (+/- 10 mV)	Comments Stabilization Parameters
0925	Begin purging and setting pump rates to maintain water levels									
1000	36.32	280 ml	1.5	13.46	6.38	10.7	54.0	1.42	-394	
1015	37.05	200 ml	2.5	14.20	6.50	10.5	79.5	1.59	-404	purge rate is variable due to amount of H_2S gas in line
1030	39.40	250 ml	3.5	14.94	6.54	10.3	132.0*	1.54	-408	* water is clear - bubbles
1045	42.90*	160 ml	4.25	15.43	6.59	10.1	79.7	1.49	-411	* water is gurgling + splashing realize as high as 36' depending on pump rate
1100	45.8	90 ml	5.0	18.49*	6.62	10.0	235	1.68	-413	slowed pump rate
1115	46.65	90 ml	5.5	18.60	6.62	9.49	296	1.70	-414	
1119 turned pump off to monitor recovery rate WL at 47.15'										
1219 measured WL at 46.92 - recovery is estimated at less than 3 ml/min										
recovery time for sufficient sample volume is estimated at 42 hours										
made decision to sample well as is without meeting purge volume and water parameter										
stabilization requirements										
1300	collect samples.									
										Final Field Parameters

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

MNTA-BEDGW-001

Field Equipment: PID/OVA SN: _____ Calibration Date: _____ Initials :

~~YSI SN:~~ Horiba U-22 Calibration Date: 5-5-08 Initials : AHH

Field measurement protocols followed with no exceptions (Y (N*) **Form completed by :** Al Hardesty
Date :

*Field Deviations Made :

Well yield is less than 3 ml/min. and is inadequate for low flow or purgedry sample or recovery method. Sample collected without meeting purge volumes or water quality parameter stabilization.

iron + manganese field tests - negative

Note: It is the user's responsibility to verify with their supervisor that they are using the most current version of this document.

Appendix H
Photologs of Rock Cores

JACOBS™

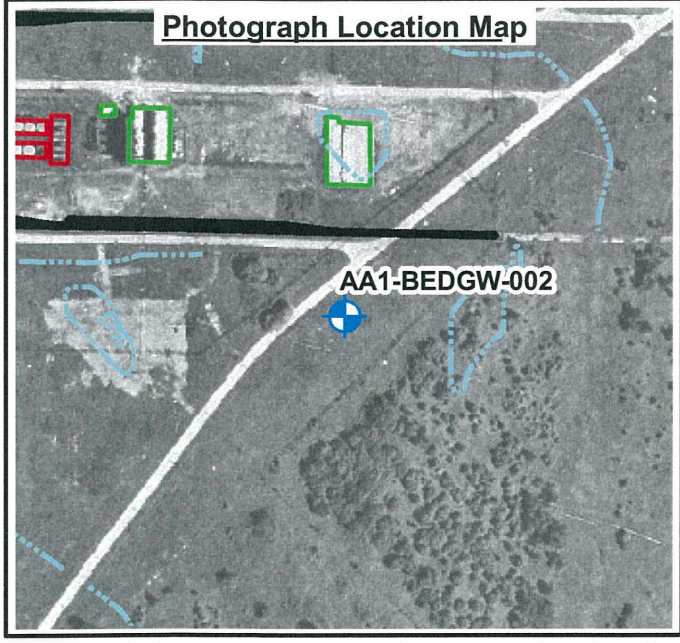
Photograph Log No. H-1

Site:
Acid Area 1

Description:

Rock Core: From Monitoring well AA1-BEDGW-002, interval 35 ft bgs (upper left) to 44.5 ft bgs (lower right)

Photograph No.: SS850017.JPG



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Noevember 24, 2008 JP Checked by AHardesty

JACOBS™

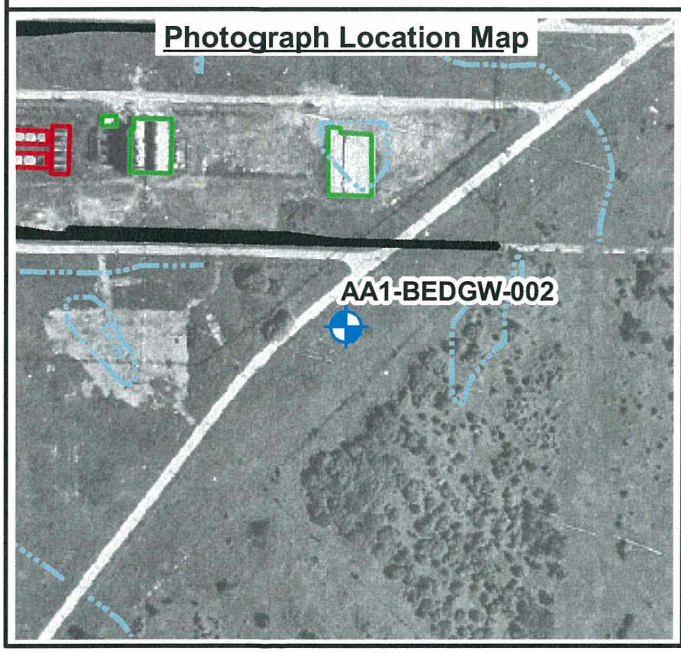
Photograph Log No. H-2

Site:
Acid Area 1

Description:

Rock Core: From Monitoring well AA1-BEDGW-002, interval 44.5 ft bgs (upper left) to 56 ft bgs (lower right)

Photograph No.: SS850018.JPG



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Noevember 24, 2008 JP Checked by AHardesty

JACOBS™

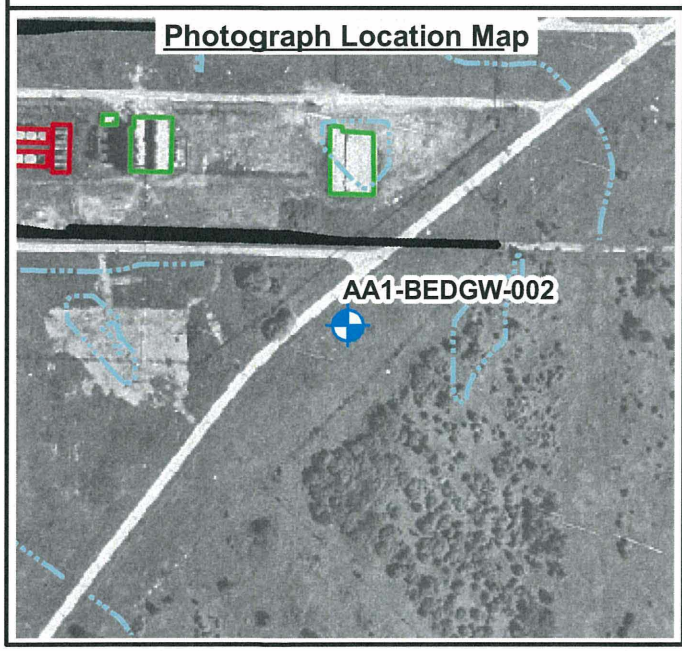
Photograph Log No. H-3

Site:
Acid Area 1

Description:

Rock Core: From Monitoring well AA1-BEDGW-002, interval 56 ft bgs (upper left) to 65 ft bgs (lower right)

Photograph No.: SS850019.JPG



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AA1_Draft_RI\ArcGIS\Photologs\Photolog_H-3.mxd
Noevember 24, 2008 JP Checked by AHardesty

JACOBS™

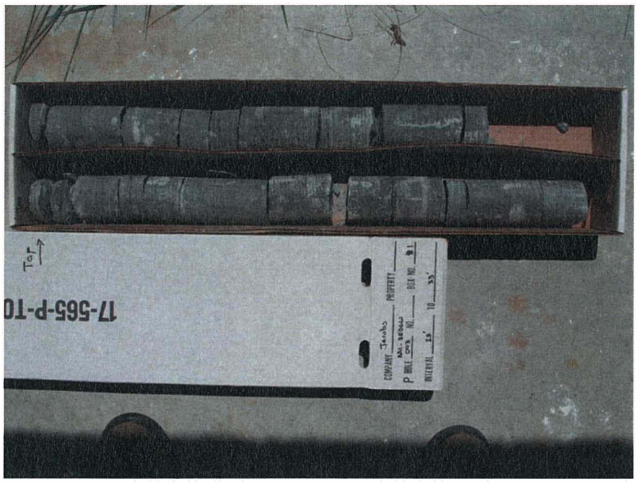
Photograph Log No. H-4

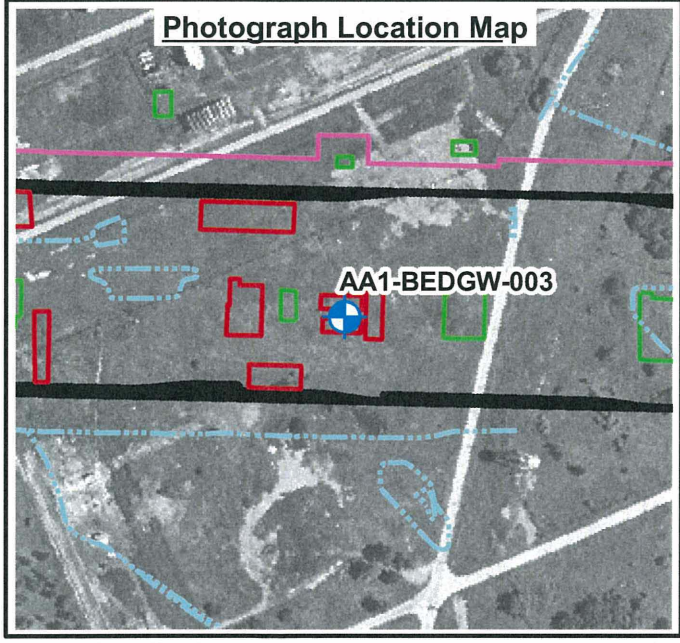
Site:
Acid Area 1

Description:

Rock Core: From Monitoring well AA1-BEDGW-003, interval 28 ft bgs (upper left) to 33 ft bgs (lower right)

Photograph No.: SS850009.JPG





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AA1_Draft_RI\ArcGIS\Photologs\Photolog_H-4.mxd
Noevember 24, 2008 JP Checked by AHardesty

JACOBS™

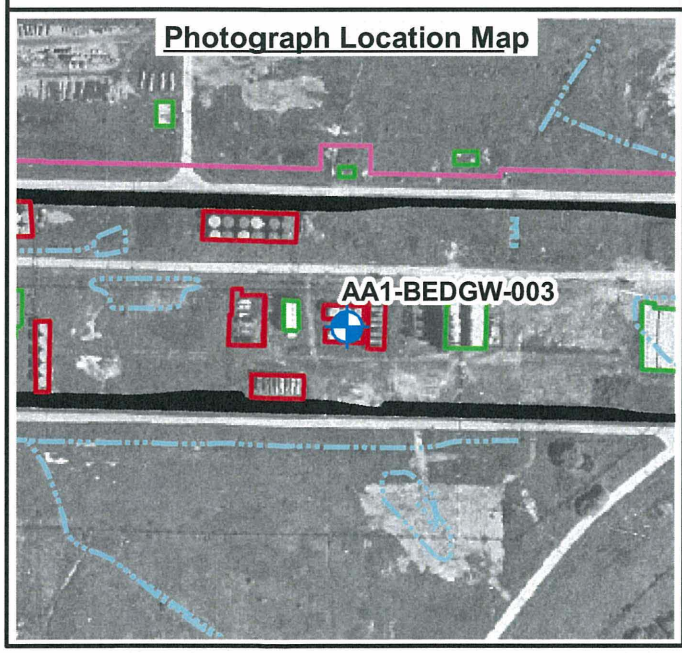
Photograph Log No. H-5

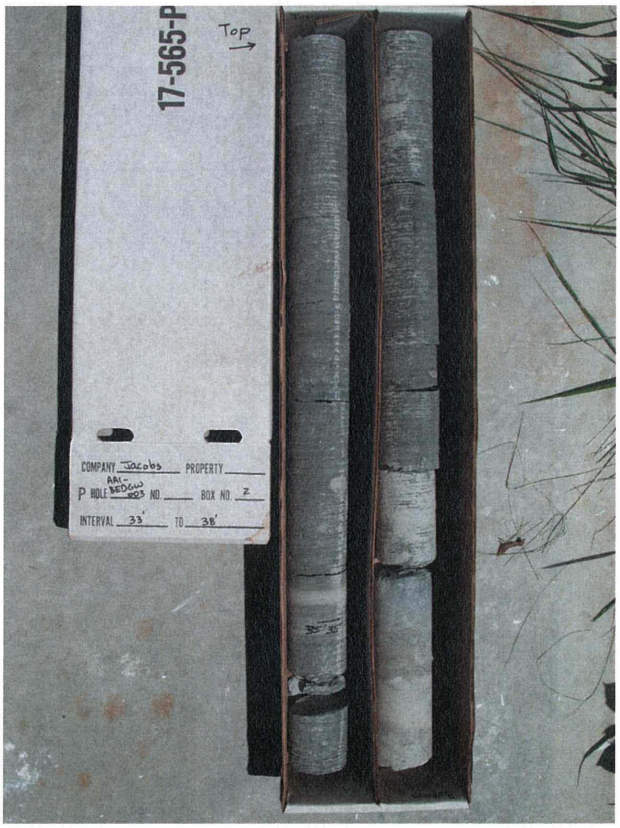
Site:
Acid Area 1

Description:

Rock Core: From Monitoring well AA1-BEDGW-003, interval 33 ft bgs (upper left) to 38 ft bgs (lower right)

Photograph No.: SS850010.JPG





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AA1_Draft_RI\ArcGIS\Photologs\Photolog_H-5.mxd
Noevember 24, 2008 JP Checked by AHardesty

JACOBS™

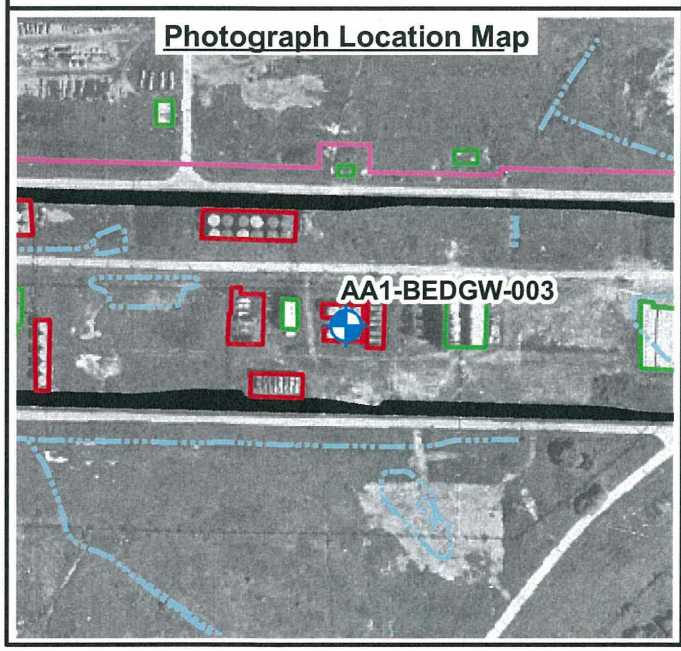
Photograph Log No. H-6

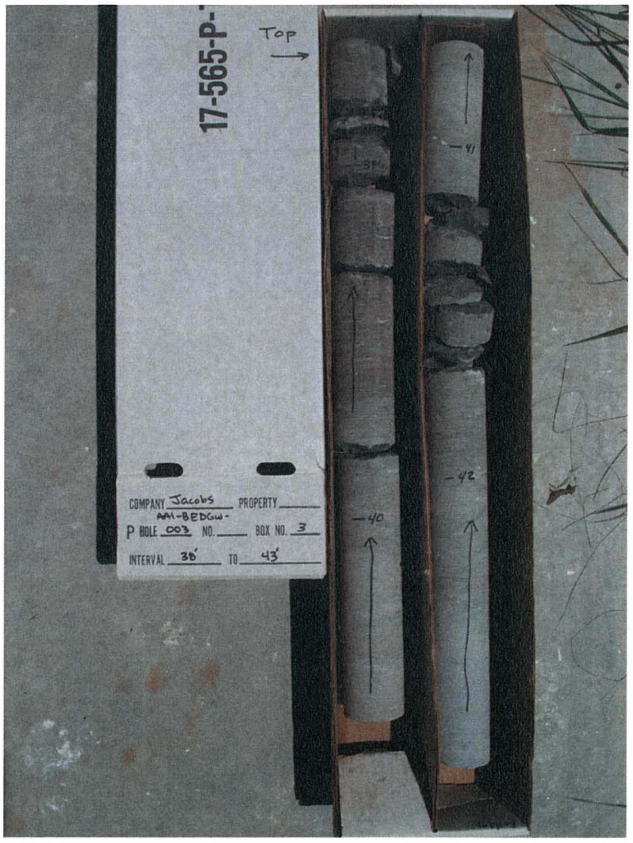
Site:
Acid Area 1

Description:

Rock Core: From Monitoring well AA1-BEDGW-003, interval 38 ft bgs (upper left) to 43 ft bgs (lower right)

Photograph No.: SS850011.JPG





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November 24, 2008 JP Checked by AHardesty

JACOBS™

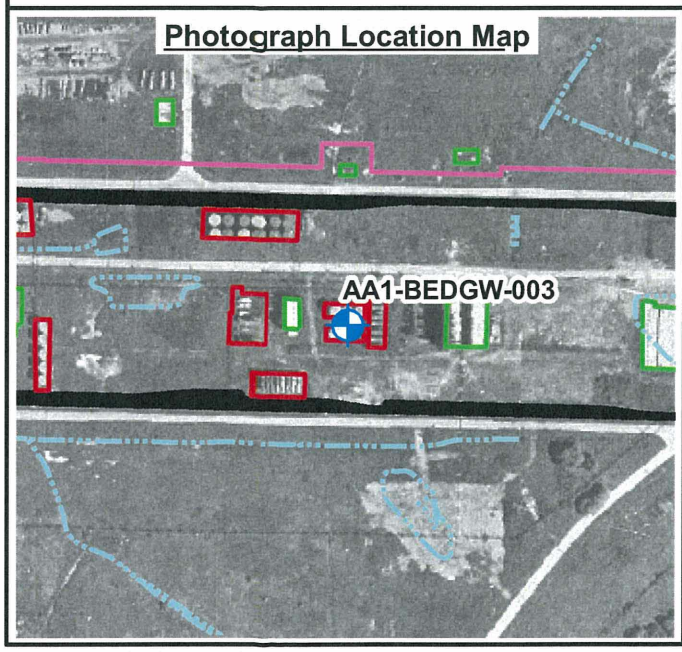
Photograph Log No. H-7

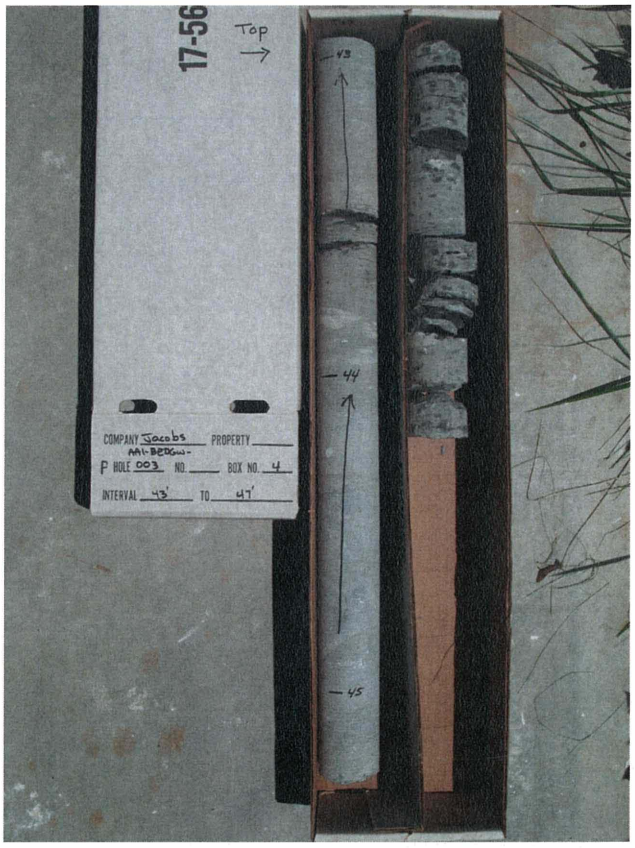
Site:
Acid Area 1

Description:

Rock Core: From Monitoring well AA1-BEDGW-003, interval 43 ft bgs (upper left) to 47 ft bgs (lower right)

Photograph No.: SS850012.JPG





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AA1_Draft_RI\ArcGIS\Photologs\Photolog_H-7.mxd
Noevember 24, 2008 JP Checked by AHardesty

JACOBS™

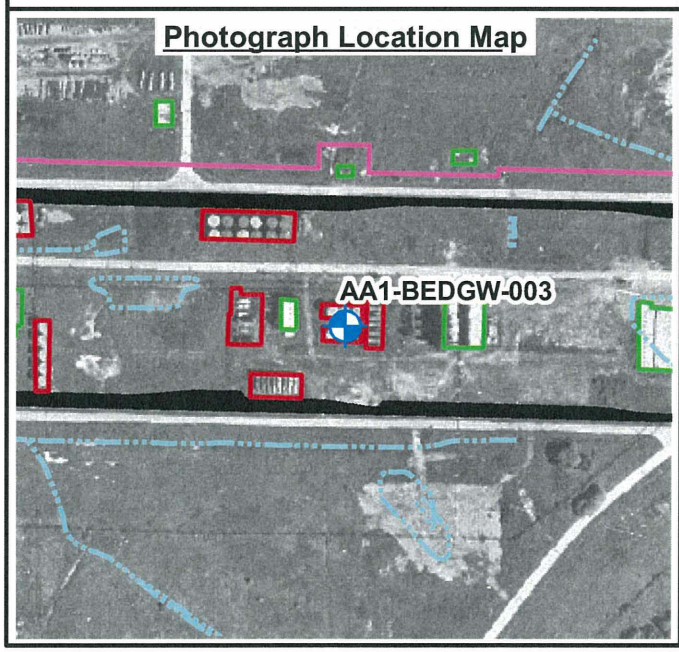
Photograph Log No. H-8

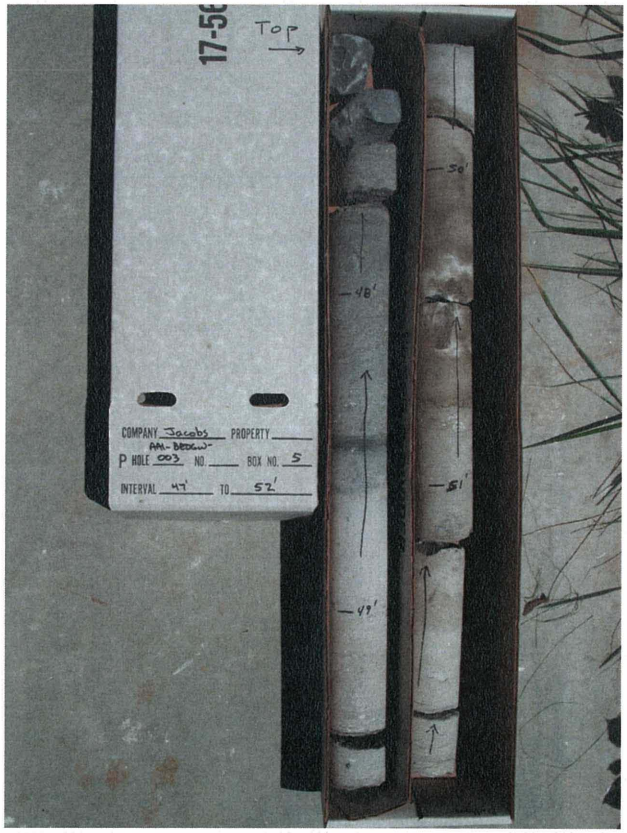
Site:
Acid Area 1

Description:

Rock Core: From Monitoring well AA1-BEDGW-003, interval 47 ft bgs (upper left) to 52 ft bgs (lower right)

Photograph No.: SS850013.JPG





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AA1_Draft_RI\ArcGIS\Photologs\Photolog_H-8.mxd
Noevember 24, 2008 JP Checked by AHardesty

JACOBS™

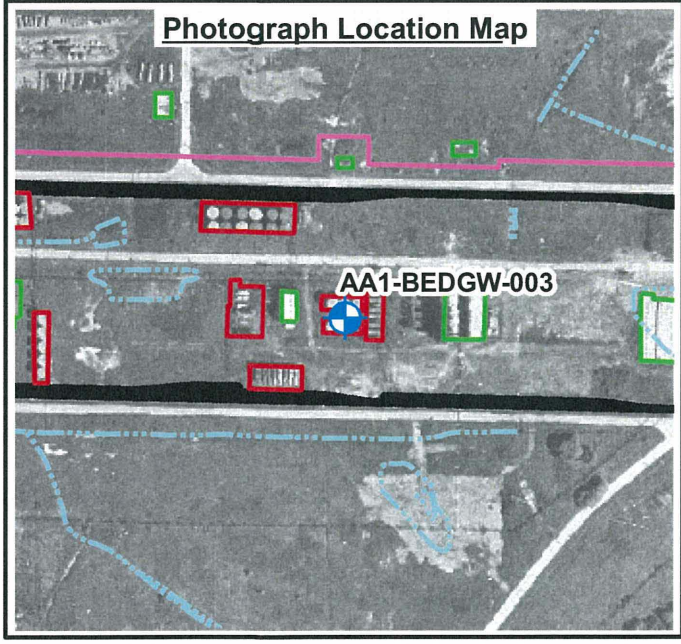
Photograph Log No. H-9

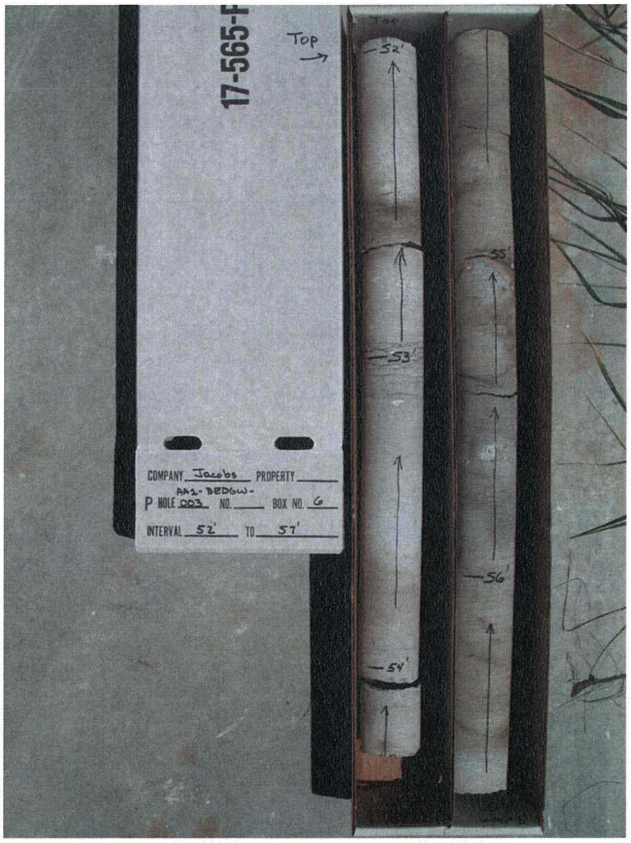
Site:
Acid Area 1

Description:

Rock Core: From Monitoring well AA1-BEDGW-003, interval 52 ft bgs (upper left) to 57 ft bgs (lower right)

Photograph No.: SS850014.JPG





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AA1_Draft_RI\ArcGIS\Photologs\Photolog_H-9.mxd
Noevember 24, 2008 JP Checked by AHardesty

JACOBS™

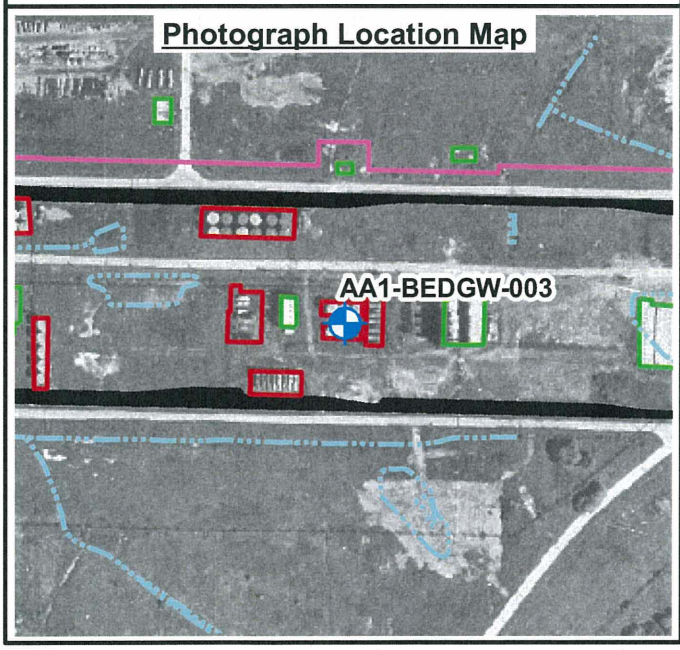
Photograph Log No. H-10

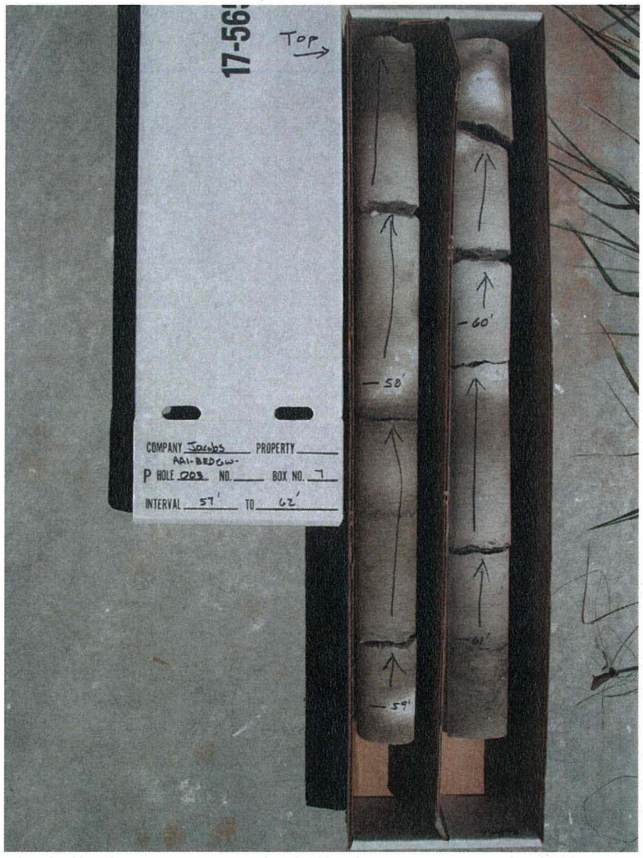
Site:
Acid Area 1

Description:

Rock Core: From Monitoring well AA1-BEDGW-003, interval 57 ft bgs (upper left) to 62 ft bgs (lower right)

Photograph No.: SS850015.JPG





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AA1_Draft_RI\ArcGIS\Photologs\Photolog_H-10.mxd
Noevember 24, 2008 JP Checked by AHardesty

JACOBS™

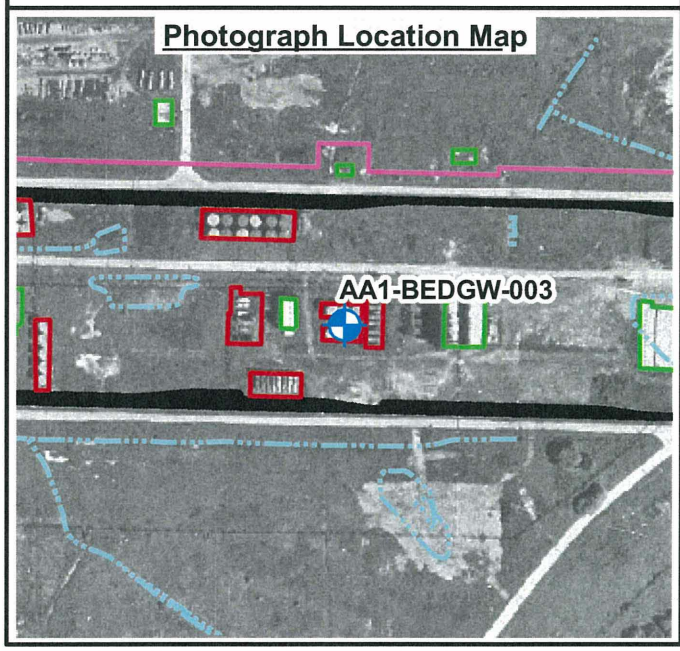
Photograph Log No. H-11

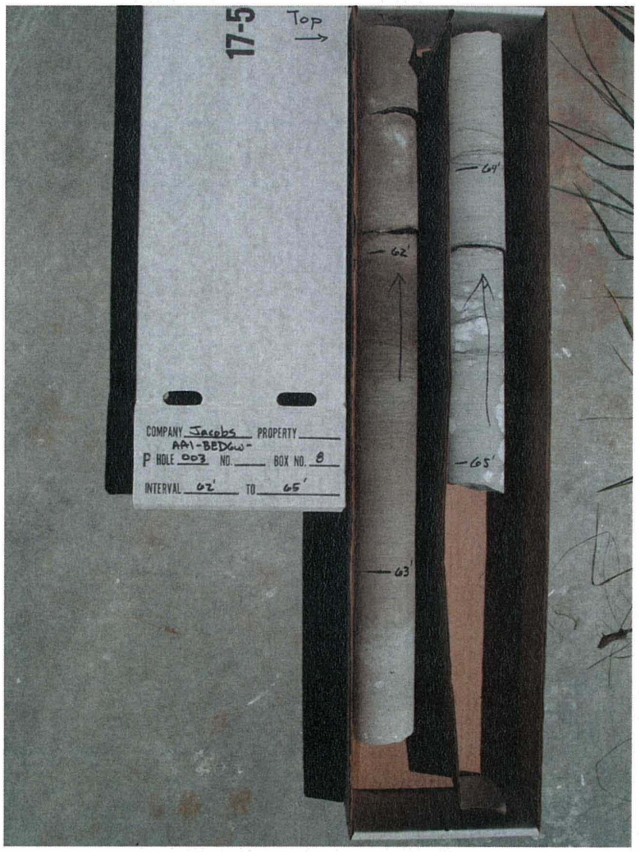
Site:
Acid Area 1

Description:

Rock Core: From Monitoring well AA1-BEDGW-003, interval 62 ft bgs (upper left) to 65 ft bgs (lower right)

Photograph No.: SS850016.JPG





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AA1_Draft_RI\ArcGIS\Photologs\Photolog_H-11.mxd
Noevember 24, 2008 JP Checked by AHardesty

JACOBS™

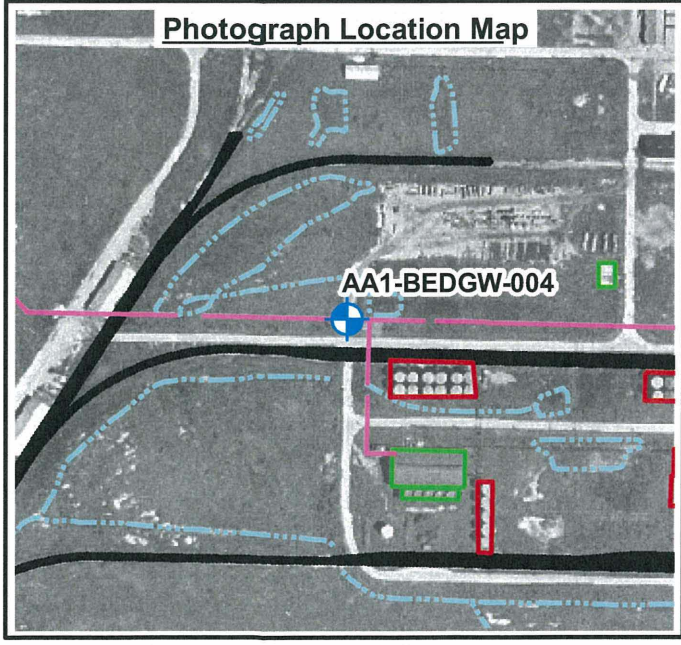
Photograph Log No. H-12

Site:
Acid Area 1

Description:

Rock Core: From Monitoring well AA1-BEDGW-004, interval 31 ft bgs (upper left) to 40 ft bgs (lower right)

Photograph No.: SS850020.JPG



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AA1_Draft_RI\ArcGIS\Photologs\Photolog_H-12.mxd
Noevember 24, 2008 JP Checked by AHardesty

JACOBS™

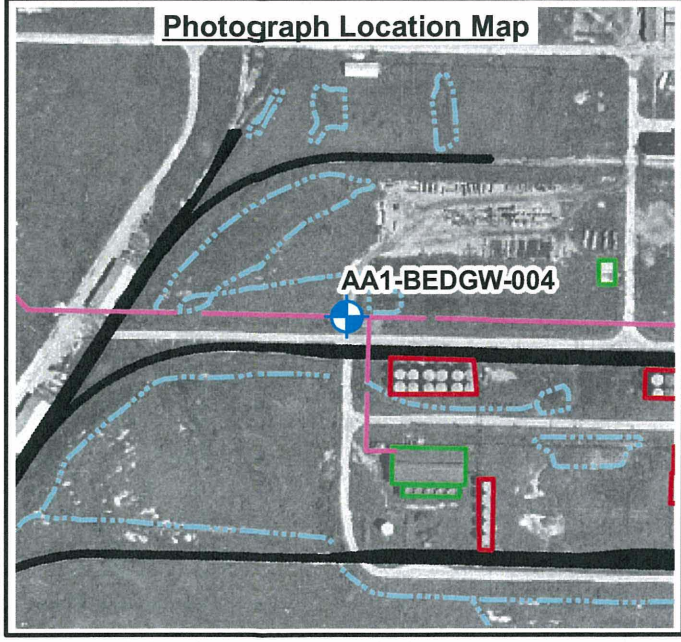
Photograph Log No. H-13

Site:
Acid Area 1

Description:

Rock Core: From Monitoring well AA1-BEDGW-004, interval 40 ft bgs (upper left) to 50 ft bgs (lower right)

Photograph No.: SS850021.JPG



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AA1_Draft_RI\ArcGIS\Photologs\Photolog_H-13.mxd
November 24, 2008 JP Checked by AHardesty

JACOBS™

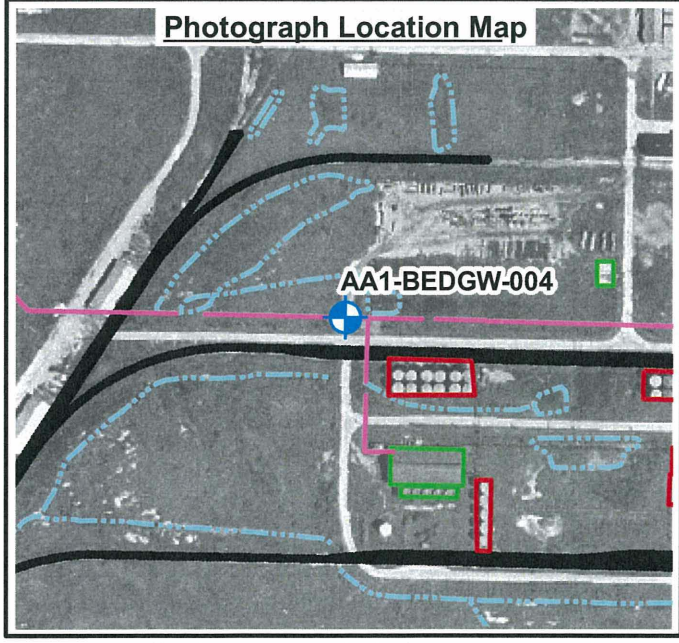
Photograph Log No. H-14

Site:
Acid Area 1

Description:

Rock Core: From Monitoring well AA1-BEDGW-004, interval 50 ft bgs (upper left) to 59 ft bgs (lower right)

Photograph No.: SS850022.JPG



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AA1_Draft_RI\ArcGIS\Photologs\Photolog_H-14.mxd
Noevember 24, 2008 JP Checked by AHardesty

JACOBS™

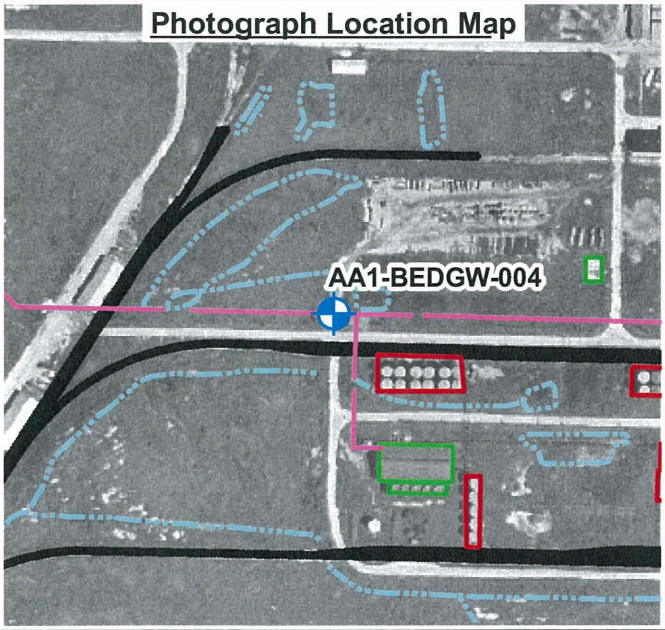
Photograph Log No. H-15

Site:
Acid Area 1

Description:

Rock Core: From Monitoring well AA1-BEDGW-004, interval 59 ft bgs (upper left) to 69 ft bgs (lower right)

Photograph No.: SS850023.JPG



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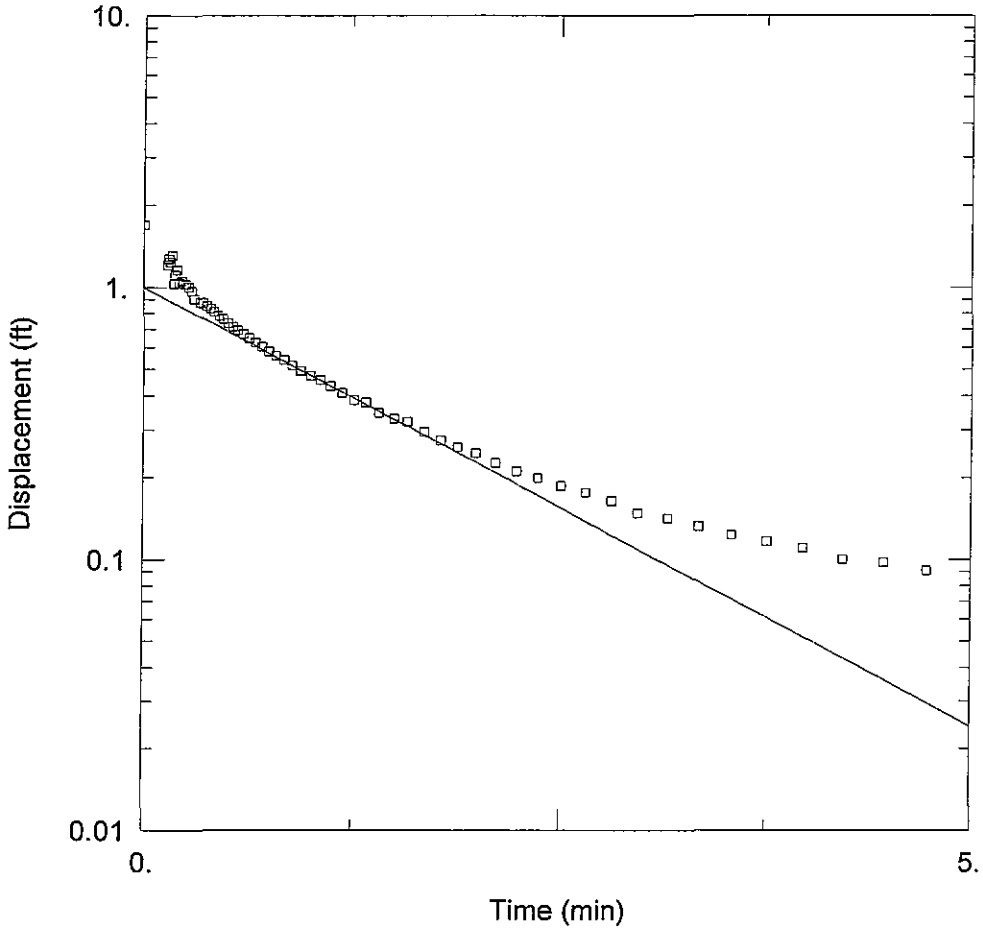
Noevember 24, 2008 JP Checked by AHardesty

Appendix I

Slug Test Data and Calculation Sheets



AA1-GW003 FALLING HEAD SLUG TEST: ESTIMATED ANALYSIS PARAMETERS

Data Set: I:\...\AA1-GW003_ib.aqt
Date: 07/16/08 Time: 16:04:09

PROJECT INFORMATION

Company: Jacobs
Client: USACE-Nashville
Project: 35BH9308
Location: Plum Brook: Acid Area 1
Test Well: AA1-GW003
Test Date: 05/03/2008

AQUIFER DATA

Saturated Thickness: 7.3 ft
Anisotropy Ratio (Kz/Kr): 0.5

WELL DATA (AA1-GW003)

Initial Displacement: 1.688 ft
Total Well Penetration Depth: 7.3 ft
Casing Radius: 0.0833 ft
Static Water Column Height: 7.3 ft
Screen Length: 5. ft
Wellbore Radius: 0.25 ft

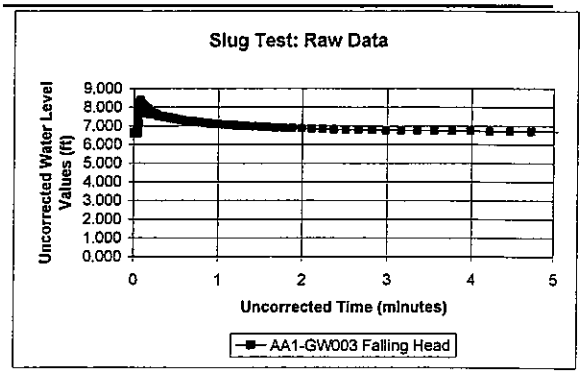
SOLUTION

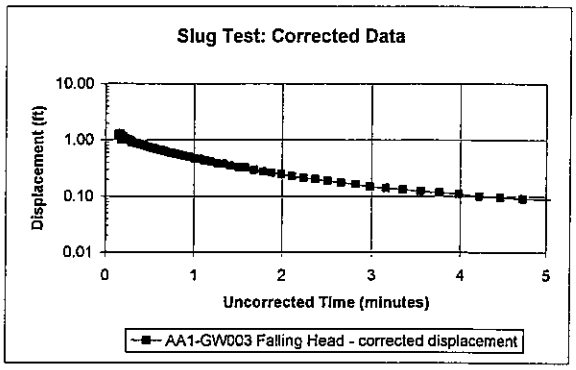
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0007209 cm/sec
y0 = 0.9977 ft

Plum Brook Ordnance Works **AA1-GW003 Falling Head** - corrected displacement

Uncorrected Time (minutes)	Uncorrected displacement (feet)	Corrected displacement start at 0.141 minutes
0.000	6.613	
0.004	6.611	
0.008	6.612	
0.013	6.634	
0.018	6.620	
0.022	6.613	
0.026	6.612	
0.029	6.612	
0.033	6.609	
0.038	6.610	
0.042	6.612	
0.046	6.706	
0.050	7.016	
0.054	7.350	
0.058	7.677	
0.063	8.003	
0.067	8.231	
0.071	8.278	
0.075	8.031	
0.079	8.332	
0.083	8.143	
0.088	7.794	
0.092	7.984	
0.096	7.984	
0.100	8.000	
0.106	8.132	
0.112	7.709	
0.119	7.954	
0.126	8.017	
0.133	7.750	
0.141	7.817	1.205
0.150	7.882	1.270
0.158	7.850	1.238
0.168	7.922	1.310
0.178	7.640	1.028
0.188	7.724	1.112
0.199	7.769	1.157
0.211	7.652	1.040
0.224	7.665	1.053
0.237	7.640	1.028
0.251	7.633	1.021
0.266	7.613	1.001
0.282	7.577	0.965
0.298	7.519	0.907
0.316		
0.335	7.492	0.880
0.355	7.486	0.874
0.376	7.463	0.851
0.398	7.444	0.832
0.422	7.425	0.813
0.447	7.396	0.784
0.473	7.377	0.765
0.501	7.350	0.738
0.531	7.329	0.717
0.562	7.304	0.692
0.596	7.283	0.671
0.631	7.261	0.649
0.668	7.239	0.627
0.708	7.217	0.605
0.750	7.193	0.581
0.794	7.172	0.560
0.841	7.152	0.540
0.891	7.127	0.515
0.944	7.105	0.493
1.000	7.084	0.472
1.060	7.067	0.455
1.120	7.045	0.433
1.190	7.021	0.409
1.260	6.998	0.386
1.330	6.989	0.377
1.410	6.958	0.346
1.500	6.941	0.329
1.580	6.932	0.320
1.680	6.905	0.293
1.780	6.885	0.273
1.880	6.871	0.259
1.990	6.857	0.245
2.110	6.838	0.226
2.240	6.823	0.211
2.370	6.811	0.199
2.510	6.798	0.186
2.660	6.788	0.176
2.820	6.776	0.164
2.980	6.760	0.148
3.160	6.753	0.141

Displ. Correction Formula
1.205

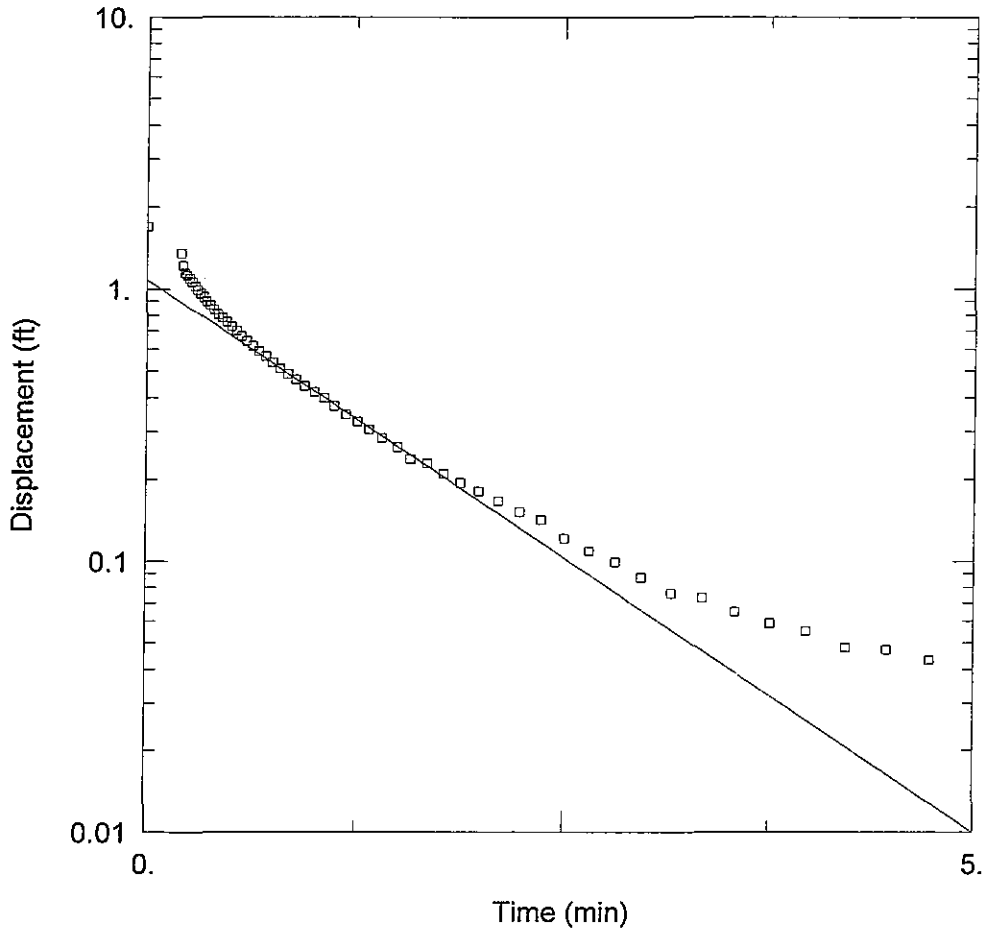




Plum Brook Ordnance Works **AA1-GW003 Falling Head** - corrected displacement

Uncorrected Time (minutes)	Uncorrected displacement (feet)	Corrected displacement **start at 0.141 minutes**
3.350	6.744	0.132
3.550	6.735	0.123
3.760	6.728	0.116
3.980	6.722	0.110
4.220	6.712	0.100
4.470	6.709	0.097
4.730	6.703	0.091
5.010	6.701	0.089
5.310	6.694	0.082
5.620	6.692	0.080
5.950	6.688	0.076
6.310	6.688	0.076
6.680	6.687	0.075
7.080	6.679	0.067
7.500	6.684	0.072
7.940	6.689	0.077
8.410	6.685	0.073
8.910	6.680	0.068
9.440	6.687	0.075
10.000	6.705	0.093
10.600	6.720	0.108
11.200	6.726	0.114
11.900	6.744	0.132
12.600	6.759	0.147
13.300	6.765	0.153
14.100	6.780	0.168
15.000	6.796	0.184
15.800	6.808	0.196
16.800	6.824	0.212
17.800	6.836	0.224
18.800	6.848	0.236
19.900	6.868	0.256
21.100	6.883	0.271
22.400	6.899	0.287
23.700	6.911	0.299
25.100	6.914	0.302
26.600	6.728	0.116
28.200	6.738	0.126
29.800	6.743	0.131
31.600	6.751	0.139
33.500	6.760	0.148
35.500	6.765	0.153
37.600	6.785	0.173
39.800	6.799	0.187
42.200	6.826	0.214
44.700	6.846	0.234
47.300	6.857	0.245
50.100	6.883	0.271
53.100	6.906	0.294
56.200	6.928	0.316
59.600	6.953	0.341
63.100	6.979	0.367
66.800	7.013	0.401
70.800	7.074	0.462
75.000	7.129	0.517
79.400	7.179	0.567
84.100	7.207	0.595
89.100	7.258	0.646
94.400	7.298	0.686
100.000	7.336	0.724
106.000	7.376	0.764
112.000	7.411	0.799
119.000	7.416	0.804
126.000	7.447	0.835
133.000	7.467	0.855
141.000	7.454	0.842
150.000	7.429	0.817
158.000	7.400	0.788
168.000	7.329	0.717
178.000	7.163	0.551
188.000	7.274	0.662
199.000	7.287	0.675

Displ. Correction Formula
1.205



AA3-GW003 RISING HEAD SLUG TEST: ESTIMATED ANALYSIS PARAMETERS

Data Set: I:\...\AA1-GW003_ob.aqt
Date: 07/16/08 Time: 16:04:33

PROJECT INFORMATION

Company: Jacobs
Client: USACE-Nashville
Project: 35BH9308
Location: Plum Brook: Acid Area 1
Test Well: AA3-GW003
Test Date: 05/03/2008

AQUIFER DATA

Saturated Thickness: 7.3 ft
Anisotropy Ratio (Kz/Kr): 0.5

WELL DATA (AA3-GW003)

Initial Displacement: 1.688 ft
Total Well Penetration Depth: 7.3 ft
Casing Radius: 0.0833 ft
Static Water Column Height: 7.3 ft
Screen Length: 5. ft
Wellbore Radius: 0.25 ft

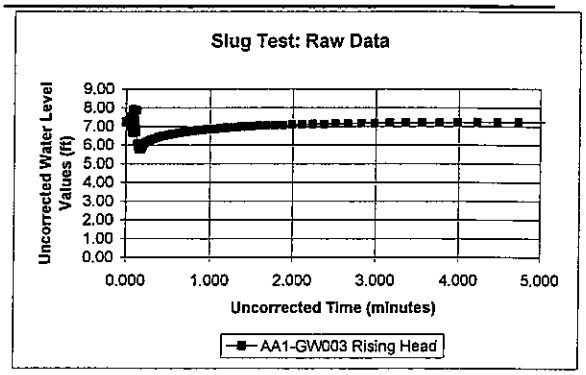
SOLUTION

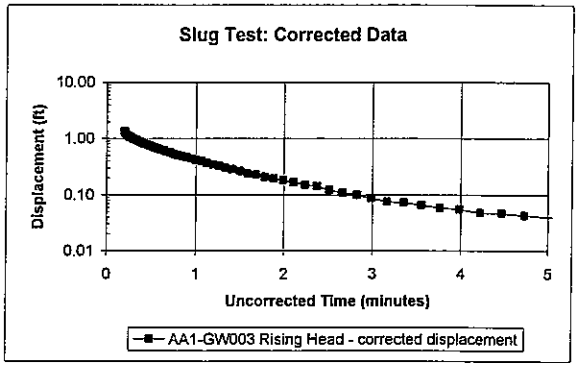
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0009079 cm/sec
y0 = 1.076 ft

Plum Brook Ordnance Works **AA1-GW003 Rising Head** - corrected displacement

Uncorrected Time (minutes)	Uncorrected displacement (feet)	Corrected displacement start at 0.199 minutes
0.000	7.265	
0.004	7.266	
0.008	7.269	
0.013	7.264	
0.019	7.272	
0.023	7.271	
0.027	7.262	
0.030	7.263	
0.034	7.263	
0.038	7.264	
0.042	7.260	
0.046	7.262	
0.050	7.249	
0.054	7.022	
0.058	7.105	
0.063	7.517	
0.067	7.172	
0.071	7.511	
0.075	6.892	
0.079	6.624	
0.083	7.904	
0.088	6.643	
0.092	6.975	
0.096	7.411	
0.100	7.801	
0.106	7.295	
0.112	6.896	
0.119	6.714	
0.126	7.858	
0.133	6.068	
0.141	5.919	
0.150	5.766	
0.158	5.810	
0.168	5.755	
0.178	5.776	
0.188	5.829	
0.199	5.916	1.349
0.211	6.045	1.220
0.224	6.117	1.148
0.237	6.145	1.120
0.251	6.173	1.092
0.266	6.206	1.059
0.282	6.243	1.022
0.298	6.271	0.994
0.316	6.304	0.961
0.335	6.333	0.932
0.355	6.367	0.898
0.376	6.398	0.867
0.398	6.428	0.837
0.422	6.459	0.806
0.447	6.482	0.783
0.473	6.510	0.755
0.501	6.540	0.725
0.531	6.566	0.699
0.562	6.595	0.669
0.596	6.622	0.643
0.631	6.649	0.616
0.668	6.677	0.588
0.708	6.701	0.564
0.750	6.728	0.537
0.794	6.755	0.510
0.841	6.778	0.487
0.891	6.799	0.466
0.944	6.826	0.439
1.000	6.848	0.417
1.060	6.867	0.398
1.120	6.893	0.372
1.190	6.919	0.346
1.260	6.939	0.326
1.330	6.961	0.304
1.410	6.981	0.284
1.500	7.003	0.262
1.581	7.028	0.237
1.680	7.036	0.229
1.780	7.056	0.209
1.880	7.071	0.194
1.990	7.084	0.181
2.110	7.099	0.166
2.240	7.113	0.152
2.370	7.123	0.142
2.510	7.144	0.121
2.660	7.156	0.109
2.820	7.166	0.099
2.980	7.178	0.087
3.160	7.189	0.076

Displ. Correction Formula
1.349

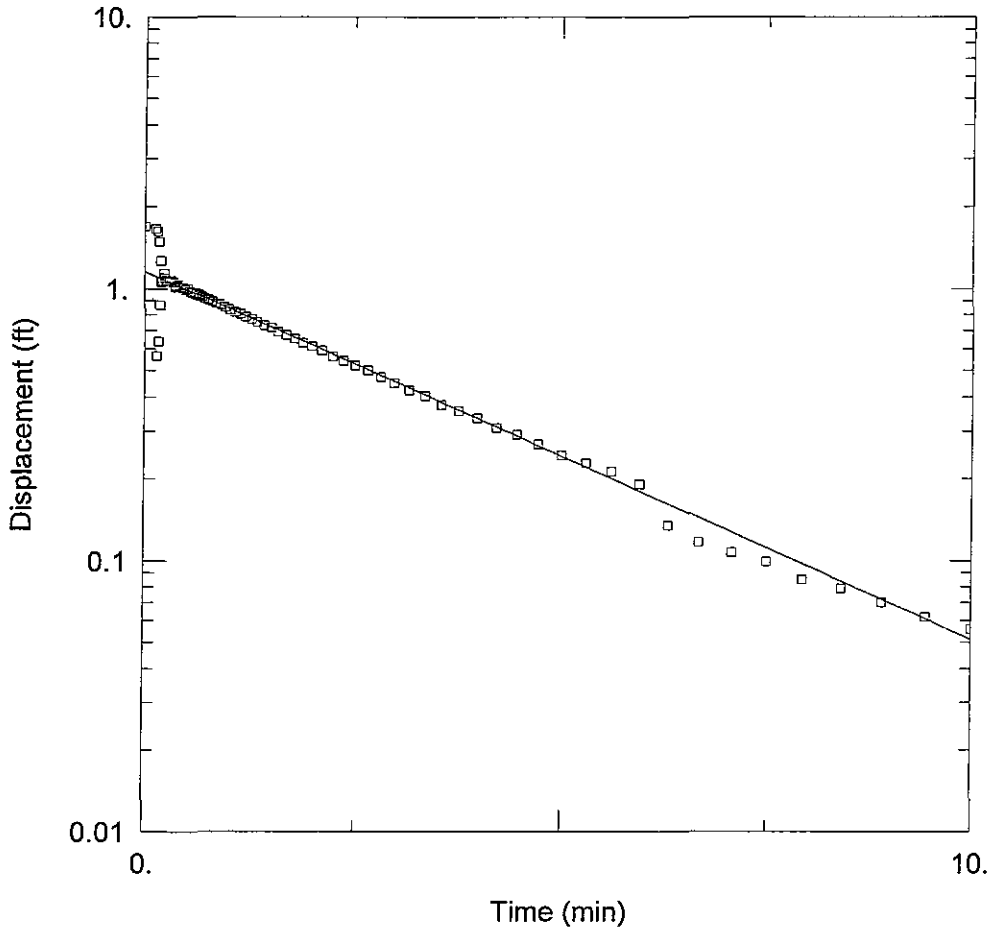




Plum Brook Ordnance Works **AA1-GW003 Rising Head** - corrected displacement

Uncorrected Time (minutes)	Uncorrected displacement (feet)	Corrected displacement **start at 0.199 minutes**
3.350	7.192	0.073
3.550	7.200	0.065
3.760	7.206	0.059
3.980	7.210	0.055
4.220	7.217	0.048
4.470	7.218	0.047
4.730	7.222	0.043
5.010	7.225	0.040
5.310	7.228	0.037
5.620	7.223	0.042
5.960	7.229	0.036
6.310	7.228	0.037
6.680	7.234	0.031
7.080	7.233	0.032
7.500	7.235	0.030
7.940	7.232	0.033
8.410	7.226	0.039
8.910	7.210	0.055
9.440	7.204	0.061
10.000	7.209	0.056
10.600	7.211	0.054
11.200	7.206	0.059
11.900	7.210	0.055
12.600	7.211	0.054
13.300	7.210	0.055
14.100	7.212	0.053
15.000	7.207	0.058
15.800	7.209	0.056
16.800	7.208	0.057
17.800	7.204	0.061
18.800	7.204	0.061
19.900	7.200	0.065
21.100	7.205	0.060
22.400	7.198	0.067
23.700	7.197	0.068
25.100	7.192	0.073
26.600	7.195	0.070
28.200	7.190	0.075
29.800	7.187	0.078
31.600	7.183	0.082
33.500	7.181	0.084
35.500	7.178	0.087
37.600	7.175	0.090
39.800	7.172	0.093
42.200	7.159	0.106
44.700	7.168	0.097
47.300	7.183	0.082

Displ. Correction Formula
1.349



AA1-GW004 FALLING HEAD SLUG TEST: ESTIMATED ANALYSIS PARAMETERS

Data Set: I:\...\AA1-GW004_ib.aqt
Date: 07/16/08 Time: 16:05:25

PROJECT INFORMATION

Company: Jacobs
Client: USACE-Nashville
Project: 35BH9308
Location: Plum Brook: Acid Area 1
Test Well: AA1-GW004
Test Date: 05/03/2008

AQUIFER DATA

Saturated Thickness: 7.7 ft
Anisotropy Ratio (Kz/Kr): 0.5

WELL DATA (AA1-GW004)

Initial Displacement: 1.688 ft
Total Well Penetration Depth: 7.7 ft
Casing Radius: 0.0833 ft
Static Water Column Height: 7.7 ft
Screen Length: 5. ft
Wellbore Radius: 0.25 ft

SOLUTION

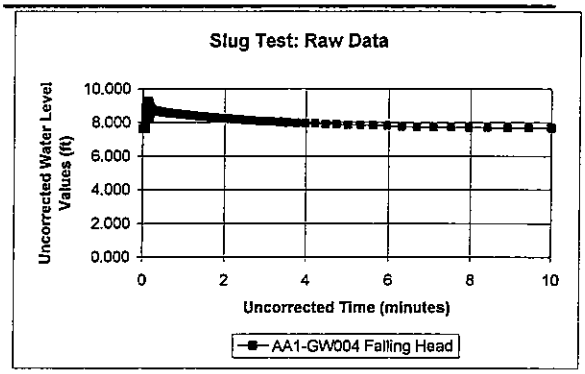
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice

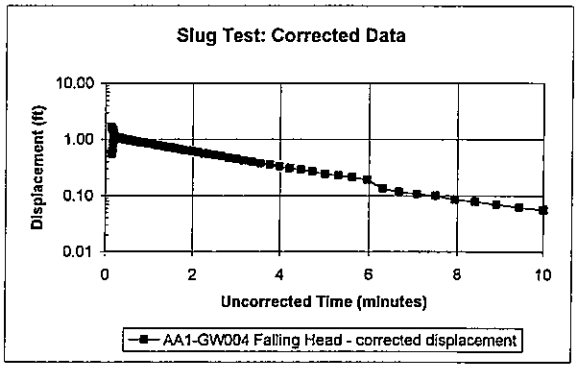
K = 0.0003055 cm/sec
y0 = 1.153 ft

Plum Brook Ordnance Works **AA1-GW004 Falling Head** - corrected displacement

Displ. Correction Formula 1.652

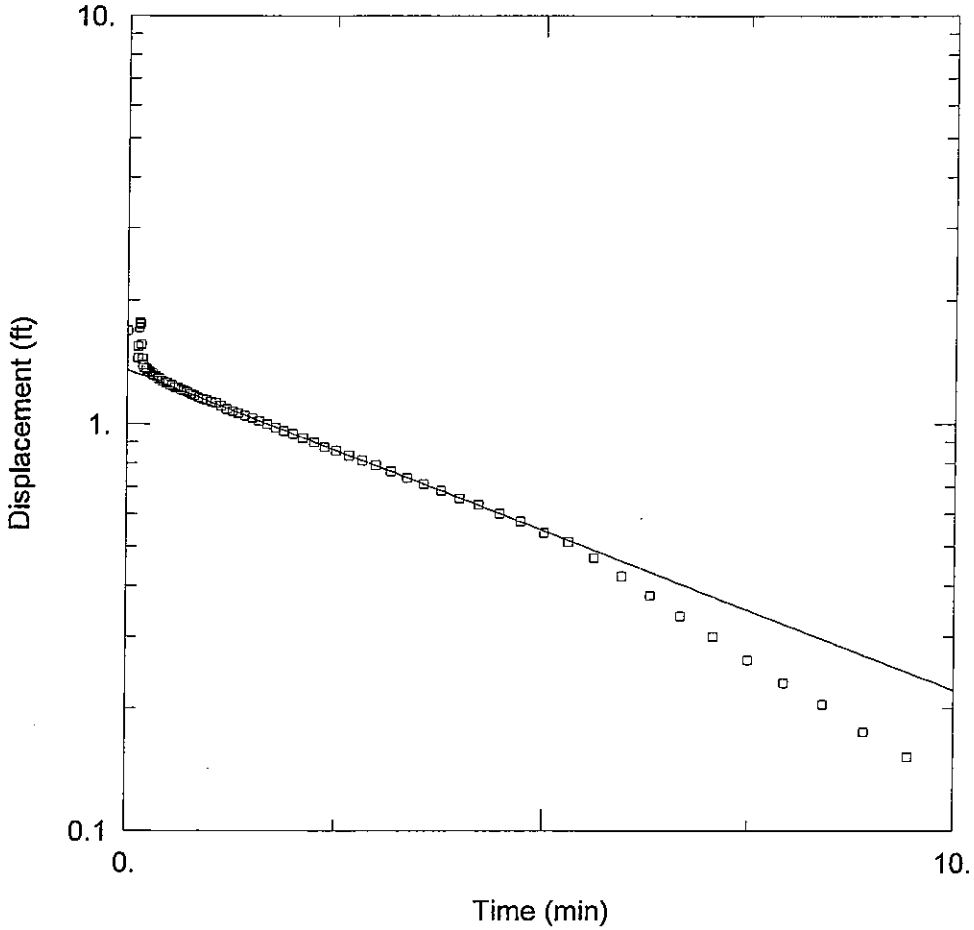
Uncorrected Time (minutes)	Uncorrected displacement (feet)	Corrected displacement start at 0.133 minutes
0.000	7.623	
0.004	7.621	
0.008	7.619	
0.013	7.622	
0.017	7.621	
0.021	7.618	
0.026	7.621	
0.030	7.617	
0.033	7.621	
0.038	7.620	
0.042	7.619	
0.046	7.619	
0.050	7.619	
0.054	7.618	
0.058	7.615	
0.063	7.618	
0.067	7.718	
0.071	8.095	
0.075	8.568	
0.079	8.876	
0.083	9.116	
0.088	9.075	
0.092	8.618	
0.096	8.975	
0.100	9.060	
0.106	8.952	
0.112	8.544	
0.119	9.013	
0.126	8.585	
0.133	9.271	1.652
0.141	8.183	0.564
0.150	9.238	1.619
0.158	8.257	0.638
0.168	9.105	1.486
0.178	8.487	0.868
0.188	8.884	1.265
0.199	8.675	1.056
0.211	8.684	1.065
0.224	8.753	1.134
0.237	8.710	1.091
0.251	8.689	1.070
0.266	8.690	1.071
0.282	8.691	1.072
0.298	8.689	1.070
0.316	8.678	1.059
0.335	8.672	1.053
0.355	8.634	1.015
0.376	8.643	1.024
0.398	8.651	1.032
0.422	8.634	1.015
0.447	8.629	1.010
0.473	8.612	0.993
0.501	8.618	0.999
0.531	8.598	0.979
0.562	8.587	0.968
0.596	8.576	0.957
0.631	8.565	0.946
0.668	8.553	0.934
0.708	8.537	0.918
0.750	8.528	0.909
0.794	8.517	0.898
0.841	8.502	0.883
0.891	8.490	0.871
0.944	8.473	0.854
1.000	8.457	0.838
1.060	8.442	0.823
1.120	8.427	0.808
1.190	8.406	0.787
1.260	8.391	0.772
1.330	8.371	0.752
1.410	8.353	0.734
1.500	8.338	0.719
1.580	8.314	0.695
1.680	8.296	0.677
1.780	8.273	0.654
1.880	8.252	0.633
1.990	8.231	0.612
2.110	8.211	0.592
2.240	8.182	0.563
2.370	8.161	0.542
2.510	8.139	0.520
2.660	8.118	0.499
2.820	8.091	0.472
2.980	8.067	0.448
3.160	8.042	0.423





Plum Brook Ordnance Works **AA1-GW004 Falling Head** - corrected displacement

Uncorrected Time (minutes)	Uncorrected displacement (feet)	Corrected displacement **start at 0.133 minutes**	Displ. Correction Formula 1.652
3.350	8.022	0.403	
3.550	7.993	0.374	
3.760	7.973	0.354	
3.980	7.953	0.334	
4.220	7.926	0.307	
4.470	7.909	0.290	
4.730	7.887	0.268	
5.010	7.863	0.244	
5.310	7.847	0.228	
5.620	7.832	0.213	
5.960	7.810	0.191	
6.310	7.754	0.135	
6.680	7.736	0.117	
7.080	7.726	0.107	
7.500	7.718	0.099	
7.940	7.704	0.085	
8.410	7.698	0.079	
8.910	7.689	0.070	
9.440	7.681	0.062	
10.000	7.675	0.056	
10.600	7.663	0.044	
11.200	7.664	0.045	
11.900	7.667	0.048	
12.600	7.662	0.043	
13.300	7.661	0.042	
14.100	7.655	0.036	
15.000	7.658	0.039	
15.800	7.655	0.036	
16.800	7.652	0.033	
17.800	7.649	0.030	
18.800	7.653	0.034	



AA1-GW004 RISING HEAD SLUG TEST: ESTIMATED ANALYSIS PARAMETERS

Data Set: I:\...\AA1-GW004_ob.aqt
Date: 07/16/08 Time: 16:05:39

PROJECT INFORMATION

Company: Jacobs
Client: USACE-Nashville
Project: 35BH9308
Location: Plum Brook: Acid Area 1
Test Well: AA1-GW004
Test Date: 05/03/2008

AQUIFER DATA

Saturated Thickness: 7.7 ft
Anisotropy Ratio (Kz/Kr): 0.5

WELL DATA (AA1-GW004)

Initial Displacement: 1.688 ft
Total Well Penetration Depth: 7.7 ft
Casing Radius: 0.0833 ft
Static Water Column Height: 7.7 ft
Screen Length: 5. ft
Wellbore Radius: 0.25 ft

SOLUTION

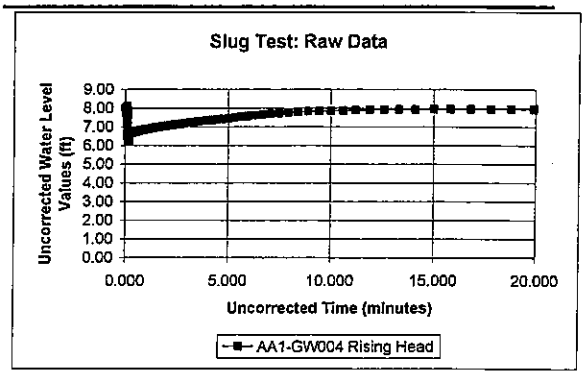
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice

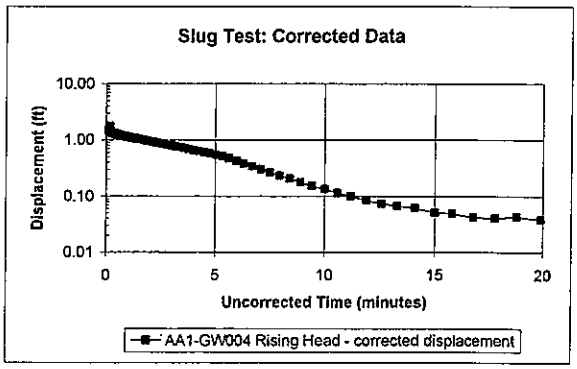
K = 0.0001775 cm/sec
y0 = 1.354 ft

Plum Brook Ordnance Works **AA1-GW004 Rising Head** - corrected displacement

Displ. Correction Formula 1.720

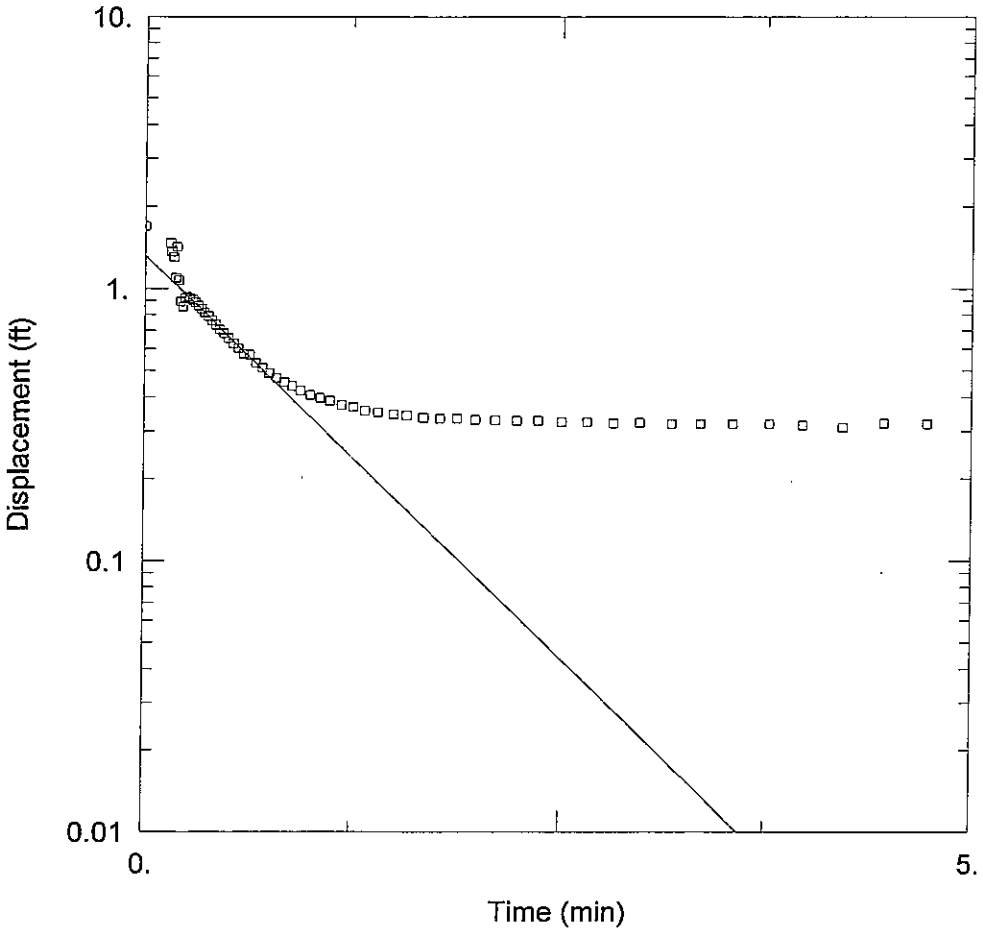
Uncorrected Time (minutes)	Uncorrected displacement (feet)	Corrected displacement start at 0.126 minutes
0.000	7.994	
0.004	7.994	
0.008	7.993	
0.013	7.994	
0.017	7.994	
0.021	7.993	
0.027	7.994	
0.031	7.995	
0.034	7.994	
0.038	7.993	
0.042	7.989	
0.046	7.989	
0.050	7.992	
0.054	7.976	
0.058	7.802	
0.063	7.854	
0.067	7.713	
0.071	7.236	
0.075	7.457	
0.079	8.095	
0.083	7.784	
0.088	7.728	
0.092	7.636	
0.096	7.857	
0.100	7.553	
0.106	6.949	
0.112	7.104	
0.119	6.450	
0.126	6.546	1.448
0.133	6.450	1.544
0.141	6.274	1.720
0.150	6.227	1.767
0.158	6.244	1.750
0.168	6.431	1.563
0.178	6.557	1.437
0.188	6.603	1.391
0.199	6.621	1.373
0.211	6.625	1.369
0.224	6.634	1.360
0.237	6.641	1.353
0.251	6.651	1.343
0.266	6.653	1.341
0.282	6.662	1.332
0.298	6.674	1.320
0.316	6.683	1.311
0.335	6.687	1.307
0.355	6.699	1.295
0.376	6.706	1.288
0.398	6.719	1.275
0.422	6.723	1.271
0.447	6.731	1.263
0.473	6.737	1.257
0.501	6.749	1.245
0.531	6.753	1.241
0.562	6.766	1.228
0.596	6.771	1.223
0.631	6.781	1.213
0.668	6.789	1.205
0.708	6.799	1.195
0.750	6.809	1.185
0.794	6.821	1.173
0.841	6.833	1.161
0.891	6.843	1.151
0.944	6.851	1.143
1.000	6.861	1.133
1.060	6.870	1.124
1.120	6.887	1.107
1.190	6.905	1.089
1.260	6.920	1.074
1.330	6.931	1.063
1.410	6.948	1.046
1.500	6.961	1.033
1.580	6.978	1.016
1.680	6.994	1.000
1.780	7.016	0.978
1.880	7.032	0.962
1.990	7.050	0.944
2.110	7.072	0.922
2.240	7.092	0.902
2.370	7.116	0.878
2.510	7.135	0.859
2.660	7.159	0.835
2.820	7.181	0.813
2.980	7.203	0.791
3.160	7.230	0.764





Plum Brook Ordnance Works **AA1-GW004 Rising Head** - corrected displacement

Uncorrected Time (minutes)	Uncorrected displacement (feet)	Corrected displacement start at 0.126 minutes	Displ. Correction Formula 1.720
3.350	7.256	0.738	
3.550	7.283	0.711	
3.760	7.308	0.686	
3.980	7.337	0.657	
4.220	7.360	0.634	
4.470	7.392	0.602	
4.730	7.418	0.576	
5.010	7.454	0.540	
5.310	7.480	0.514	
5.620	7.526	0.468	
5.960	7.571	0.423	
6.310	7.615	0.379	
6.680	7.657	0.337	
7.080	7.694	0.300	
7.500	7.731	0.263	
7.940	7.763	0.231	
8.410	7.790	0.204	
8.910	7.819	0.175	
9.440	7.842	0.152	
10.000	7.861	0.133	
10.600	7.880	0.114	
11.200	7.895	0.099	
11.900	7.910	0.084	
12.600	7.920	0.074	
13.300	7.927	0.067	
14.100	7.933	0.061	
15.000	7.943	0.051	
15.800	7.945	0.049	
16.800	7.952	0.042	
17.800	7.953	0.041	
18.800	7.951	0.043	
19.900	7.956	0.038	



AA1-GW005 FALLING HEAD SLUG TEST: ESTIMATED ANALYSIS PARAMETERS

Data Set: I:\...\AA1-GW005_ib.aqt
Date: 07/16/08 Time: 16:06:01

PROJECT INFORMATION

Company: Jacobs
Client: USACE-Nashville
Project: 35BH9308
Location: Plum Brook: Acid Area 1
Test Well: AA1-GW005
Test Date: 05/03/2008

AQUIFER DATA

Saturated Thickness: 4.4 ft
Anisotropy Ratio (Kz/Kr): 0.5

WELL DATA (AA1-GW005)

Initial Displacement: 1.688 ft
Total Well Penetration Depth: 4.4 ft
Casing Radius: 0.0833 ft
Static Water Column Height: 4.4 ft
Screen Length: 5. ft
Wellbore Radius: 0.25 ft
Gravel Pack Porosity: 0.3

SOLUTION

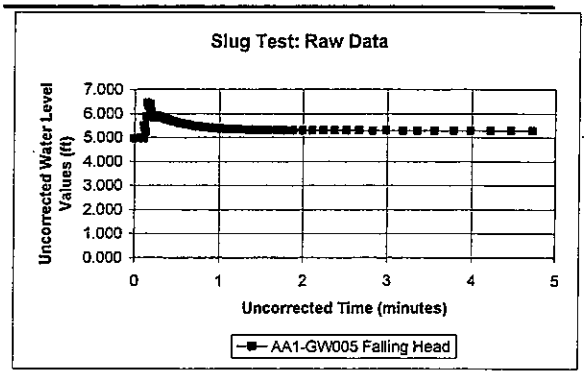
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice

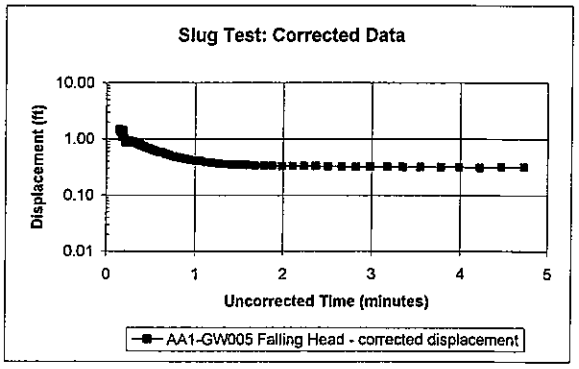
K = 0.003496 cm/sec
y0 = 1.319 ft

Plum Brook Ordnance Works **AA1-GW005 Falling Head** - corrected displacement

Displ. Correction Formula 0.875

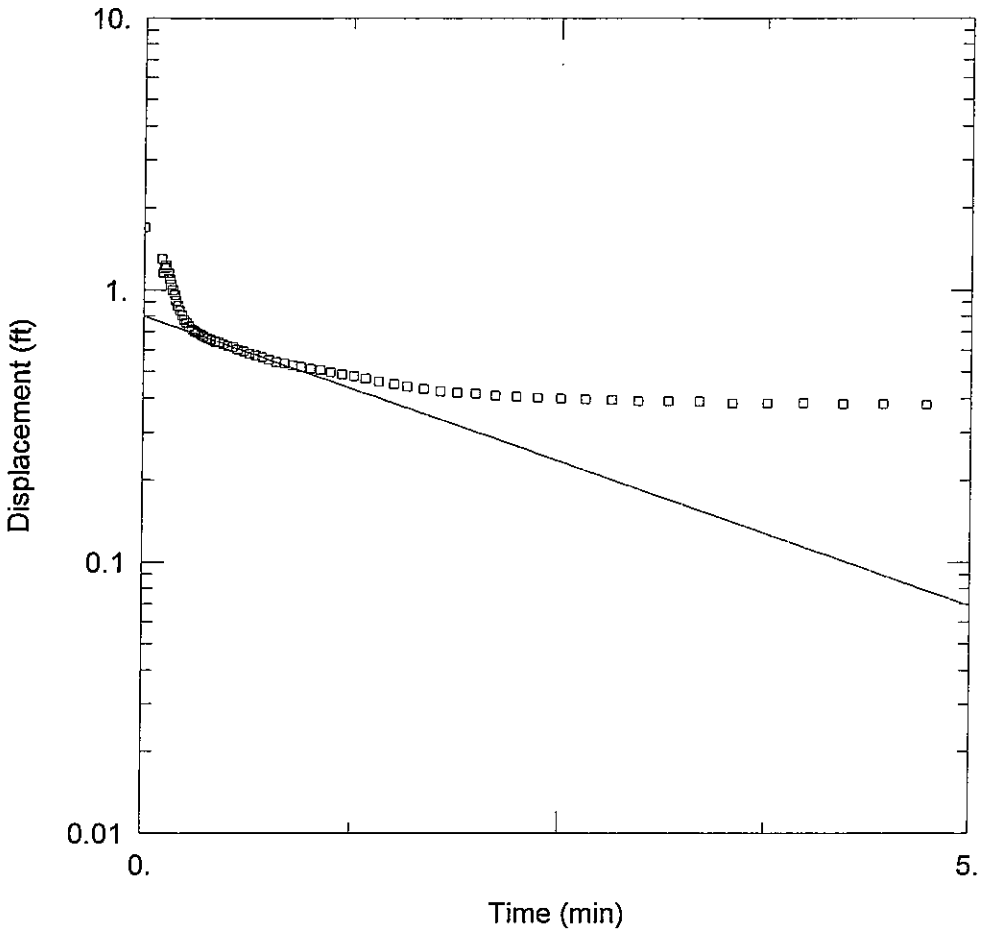
Uncorrected Time (minutes)	Uncorrected displacement (feet)	Corrected displacement start at 0.150 minutes
0.000	4.966	
0.004	4.966	
0.008	4.967	
0.013	4.965	
0.017	4.968	
0.021	4.966	
0.026	4.968	
0.030	4.967	
0.033	4.963	
0.038	4.965	
0.042	4.967	
0.046	4.965	
0.050	4.967	
0.054	4.962	
0.058	4.963	
0.063	4.969	
0.067	4.965	
0.071	4.965	
0.075	4.965	
0.079	4.962	
0.083	4.965	
0.088	4.966	
0.092	4.962	
0.096	4.962	
0.100	4.969	
0.106	4.969	
0.112	5.494	
0.119	5.428	
0.126	5.229	
0.133	5.876	
0.141	5.843	
0.150	6.431	1.462
0.158	6.333	1.364
0.168	6.271	1.302
0.178	6.065	1.096
0.188	6.388	1.419
0.199	6.043	1.074
0.211	5.863	0.894
0.224	5.824	0.855
0.237	5.892	0.923
0.251	5.901	0.932
0.266	5.890	0.921
0.282	5.877	0.908
0.298	5.861	0.892
0.316	5.835	0.866
0.335	5.812	0.843
0.355	5.784	0.815
0.376	5.760	0.791
0.398	5.733	0.764
0.422	5.705	0.736
0.447	5.677	0.708
0.473	5.654	0.685
0.501	5.629	0.660
0.531	5.598	0.629
0.562	5.573	0.604
0.596	5.547	0.578
0.631	5.541	0.572
0.668	5.503	0.534
0.708	5.481	0.512
0.750	5.458	0.489
0.794	5.439	0.470
0.841	5.423	0.454
0.891	5.409	0.440
0.944	5.392	0.423
1.000	5.377	0.408
1.060	5.367	0.398
1.120	5.356	0.387
1.190	5.343	0.374
1.260	5.336	0.367
1.330	5.326	0.357
1.410	5.321	0.352
1.500	5.315	0.346
1.580	5.311	0.342
1.680	5.305	0.336
1.780	5.303	0.334
1.880	5.302	0.333
1.990	5.299	0.330
2.110	5.297	0.328
2.240	5.296	0.327
2.370	5.296	0.327
2.510	5.292	0.323
2.660	5.293	0.324
2.820	5.290	0.321
2.980	5.291	0.322
3.177	5.288	0.319





Plum Brook Ordnance Works **AA1-GW005 Falling Head** - corrected displacement

Uncorrected Time (minutes)	Uncorrected displacement (feet)	Corrected displacement **start at 0.150 minutes**	Displ. Correction Formula 0.875
3.350	5.287	0.318	
3.550	5.287	0.318	
3.777	5.287	0.318	
3.980	5.285	0.316	
4.220	5.278	0.309	
4.470	5.289	0.320	
4.730	5.287	0.318	



AA1-GW005 RISING HEAD SLUG TEST: ESTIMATED ANALYSIS PARAMETERS

Data Set: I:\...\AA1-GW005_ob.aqt
Date: 07/16/08 Time: 16:06:25

PROJECT INFORMATION

Company: Jacobs
Client: USACE-Nashville
Project: 35BH9308
Location: Plum Brook: Acid Area 1
Test Well: AA1-GW005
Test Date: 05/03/2008

AQUIFER DATA

Saturated Thickness: 4.4 ft
Anisotropy Ratio (Kz/Kr): 0.5

WELL DATA (AA1-GW005)

Initial Displacement: 1.688 ft
Total Well Penetration Depth: 4.4 ft
Casing Radius: 0.0833 ft
Static Water Column Height: 4.4 ft
Screen Length: 5. ft
Wellbore Radius: 0.25 ft
Gravel Pack Porosity: 0.3

SOLUTION

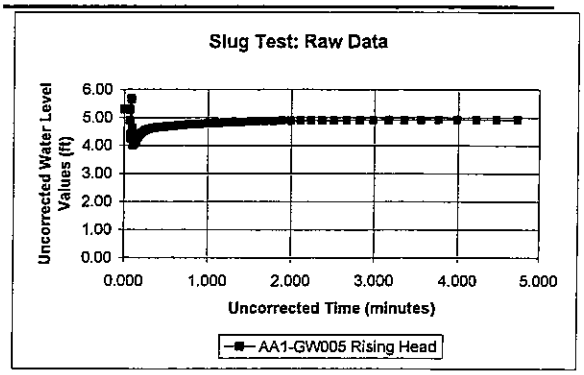
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice

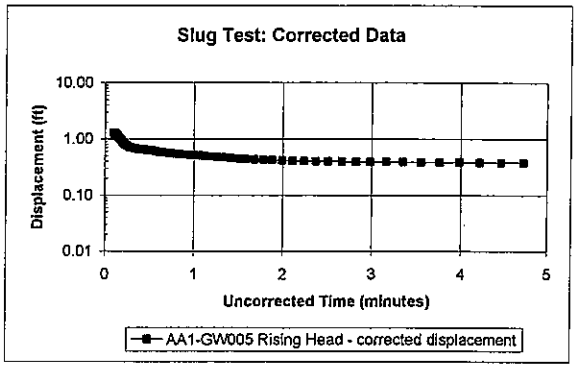
K = 0.001258 cm/sec
y0 = 0.7993 ft

Plum Brook Ordnance Works **AA1-GW005 Rising Head** - corrected displacement

Displ. Correction Formula 1.292

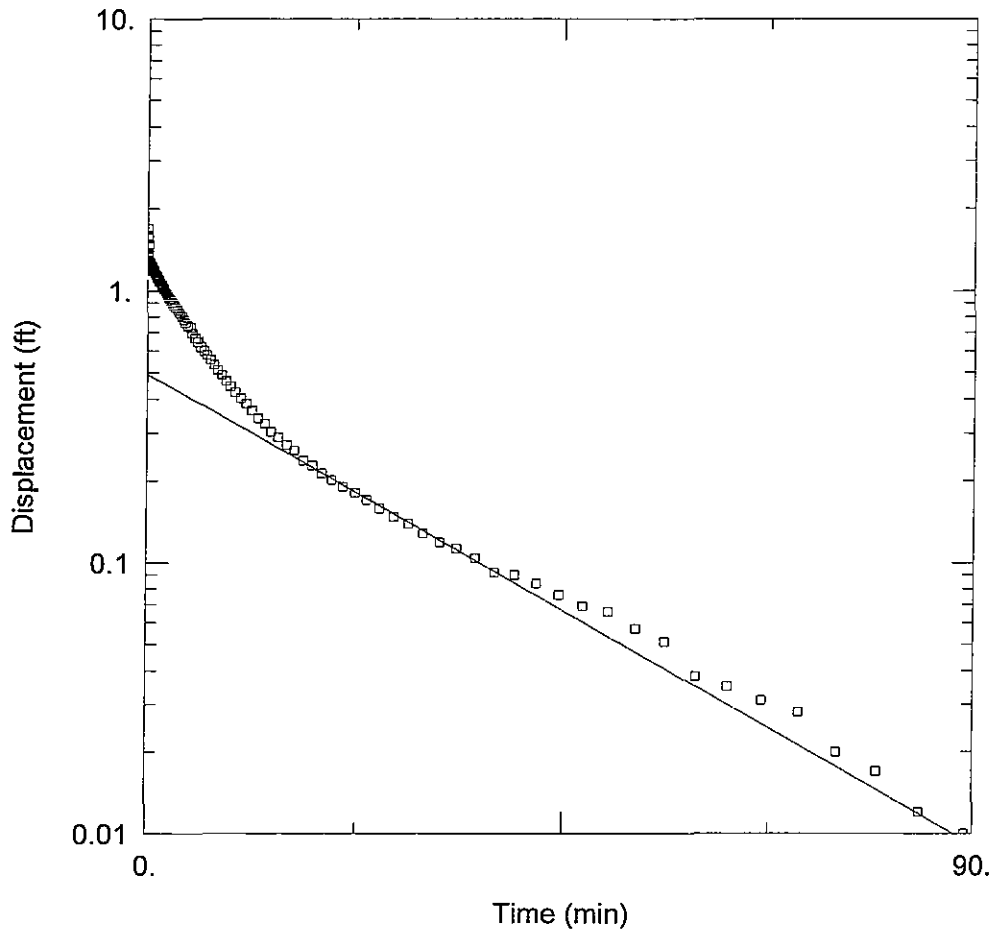
Uncorrected Time (minutes)	Uncorrected displacement (feet)	Corrected displacement **start at 0.106 minutes**
0.000	5.303	
0.006	5.302	
0.010	5.301	
0.014	5.300	
0.017	5.300	
0.021	5.301	
0.025	5.300	
0.029	5.301	
0.033	5.298	
0.038	5.297	
0.042	5.298	
0.046	5.301	
0.050	5.298	
0.054	5.299	
0.058	5.301	
0.063	5.300	
0.067	5.271	
0.071	4.890	
0.075	4.225	
0.079	4.417	
0.083	5.679	
0.088	5.631	
0.092	4.331	
0.096	4.642	
0.100	4.377	
0.106	4.009	1.292
0.112	4.150	1.151
0.119	4.100	1.201
0.126	4.079	1.222
0.133	4.096	1.205
0.141	4.150	1.151
0.150	4.208	1.093
0.158	4.254	1.047
0.168	4.303	0.998
0.178	4.342	0.959
0.188	4.390	0.911
0.199	4.429	0.872
0.211	4.463	0.838
0.224	4.498	0.803
0.237	4.524	0.777
0.251	4.543	0.758
0.266	4.567	0.734
0.282	4.584	0.717
0.298	4.596	0.705
0.316	4.608	0.693
0.335	4.618	0.683
0.355	4.630	0.671
0.376	4.637	0.664
0.398	4.647	0.654
0.422	4.654	0.647
0.447	4.659	0.642
0.473	4.670	0.631
0.501	4.677	0.624
0.531	4.685	0.616
0.562	4.696	0.605
0.596	4.705	0.596
0.631	4.717	0.584
0.668	4.727	0.574
0.708	4.737	0.564
0.750	4.748	0.553
0.794	4.758	0.543
0.841	4.765	0.536
0.891	4.771	0.530
0.944	4.780	0.521
1.000	4.788	0.513
1.060	4.794	0.507
1.120	4.803	0.498
1.190	4.811	0.490
1.260	4.819	0.482
1.330	4.829	0.472
1.410	4.840	0.461
1.500	4.850	0.451
1.580	4.859	0.442
1.680	4.868	0.433
1.780	4.876	0.425
1.880	4.881	0.420
1.990	4.886	0.415
2.110	4.891	0.410
2.240	4.895	0.406
2.370	4.899	0.402
2.510	4.902	0.399
2.660	4.903	0.398
2.820	4.905	0.396
2.980	4.910	0.391
3.160	4.910	0.391





Plum Brook Ordnance Works **AA1-GW005 Rising Head** - corrected displacement

Uncorrected Time (minutes)	Uncorrected displacement (feet)	Corrected displacement **start at 0.106 minutes**	Displ. Correction Formula 1.292
3.350	4.912	0.389	
3.550	4.917	0.384	
3.760	4.917	0.384	
3.980	4.916	0.385	
4.220	4.919	0.382	
4.470	4.920	0.381	
4.730	4.921	0.380	



AA1-BEDGW004 FALLING HEAD SLUG TEST: ESTIMATED ANALYSIS PARAMETERS

Data Set: I:\...\AA1-BEDGW004_ib.aqt
Date: 07/16/08 Time: 16:06:50

PROJECT INFORMATION

Company: Jacobs
Client: USACE-Nashville
Project: 35BH9308
Location: Plum Brook: Acid Area 1
Test Well: AA1-BEDGW004
Test Date: 05/04/2008

AQUIFER DATA

Saturated Thickness: 60. ft
Anisotropy Ratio (Kz/Kr): 0.5

WELL DATA (AA1-BEDGW004)

Initial Displacement: 1.688 ft
Total Well Penetration Depth: 37.7 ft
Casing Radius: 0.0833 ft
Static Water Column Height: 37.7 ft
Screen Length: 25. ft
Wellbore Radius: 0.2031 ft

SOLUTION

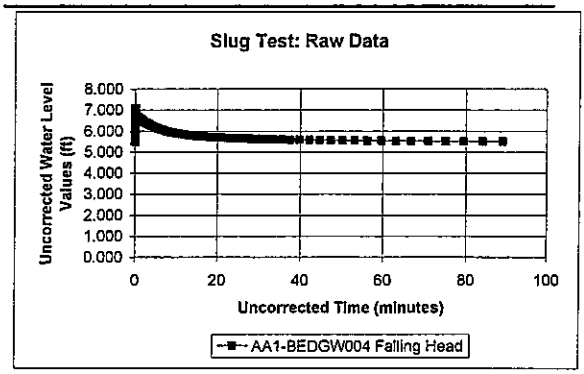
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice

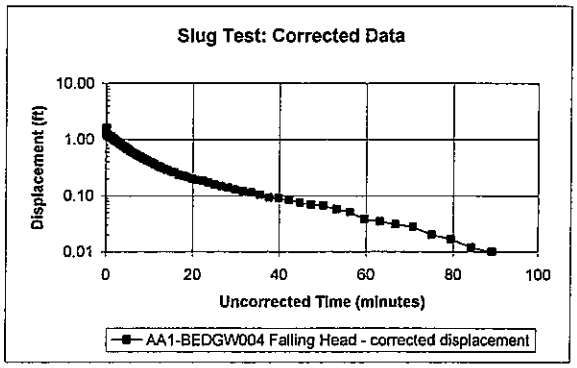
K = 1.198E-5 cm/sec
y0 = 0.4926 ft

Plum Brook Ordnance Works **AA1-BEDGW004 Falling Head** - corrected displacement

Displ. Correction Formula 1.593

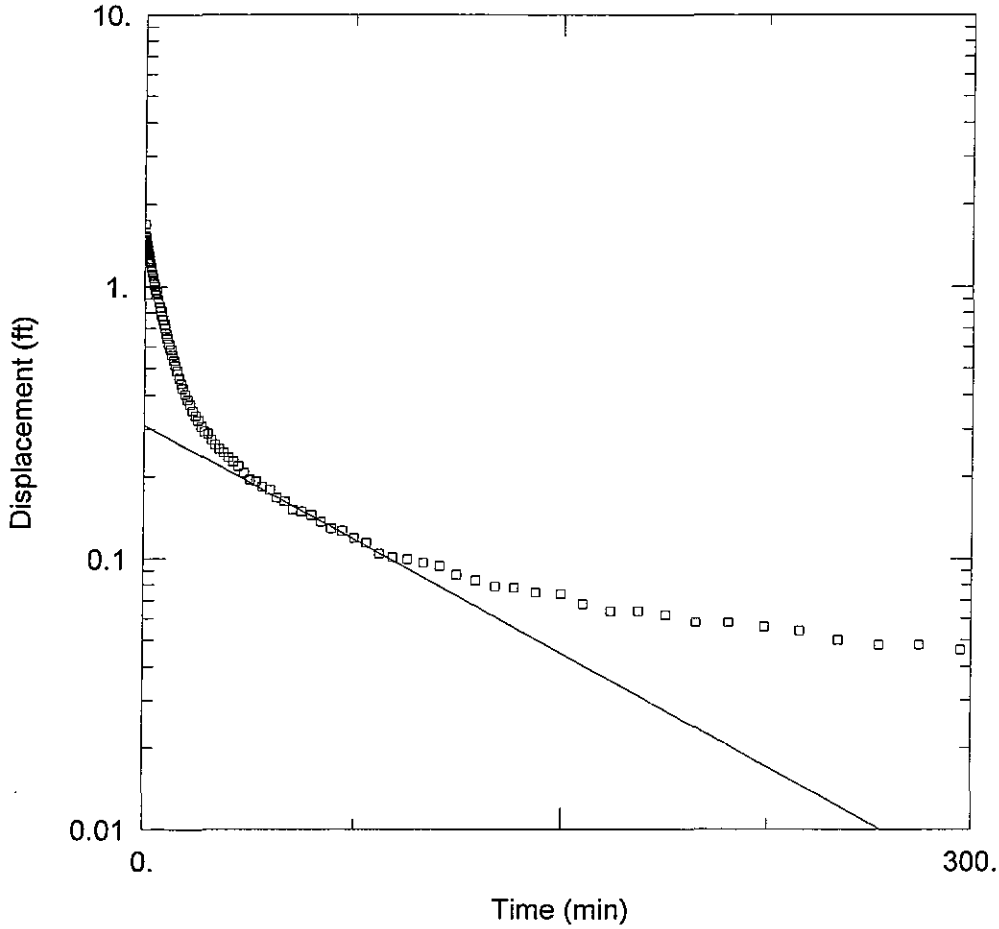
Uncorrected Time (minutes)	Uncorrected displacement (feet)	Corrected displacement start at 0.092 minutes
0.000	5.490	
0.004	5.489	
0.008	5.487	
0.013	5.494	
0.020	5.490	
0.024	5.494	
0.027	5.492	
0.031	5.487	
0.035	5.486	
0.039	5.484	
0.042	5.489	
0.046	5.485	
0.050	5.486	
0.054	5.489	
0.058	5.486	
0.063	5.578	
0.067	5.793	
0.071	5.953	
0.075	6.164	
0.079	6.470	
0.083	6.707	
0.088	6.804	
0.092	7.082	1.593
0.096	6.864	1.375
0.100	6.831	1.342
0.106	6.725	1.236
0.112	6.706	1.217
0.119	6.782	1.293
0.126	6.818	1.329
0.133	7.048	1.559
0.141	6.961	1.472
0.150	6.843	1.354
0.158	6.782	1.293
0.168	6.812	1.323
0.178	6.786	1.297
0.188	6.755	1.266
0.199	6.775	1.286
0.211	6.766	1.277
0.224	6.759	1.270
0.237	6.763	1.274
0.251	6.755	1.266
0.266	6.725	1.236
0.282	6.702	1.213
0.298	6.673	1.184
0.316	6.739	1.250
0.335	6.744	1.255
0.355	6.732	1.243
0.376	6.705	1.216
0.398	6.728	1.239
0.422	6.722	1.233
0.447	6.715	1.226
0.473	6.710	1.221
0.501	6.710	1.221
0.531	6.699	1.210
0.562	6.693	1.204
0.596	6.688	1.199
0.631	6.679	1.190
0.668	6.675	1.186
0.708	6.668	1.179
0.750	6.658	1.169
0.794	6.653	1.164
0.841	6.645	1.156
0.891	6.632	1.143
0.944	6.624	1.135
1.000	6.614	1.125
1.060	6.606	1.117
1.120	6.599	1.110
1.190	6.584	1.095
1.260	6.576	1.087
1.330	6.567	1.078
1.410	6.551	1.062
1.500	6.538	1.049
1.580	6.529	1.040
1.680	6.514	1.025
1.780	6.502	1.013
1.880	6.488	0.999
1.990	6.473	0.984
2.110	6.455	0.966
2.240	6.439	0.950
2.370	6.424	0.935
2.510	6.407	0.918
2.660	6.391	0.902
2.820	6.371	0.882
2.980	6.352	0.863
3.150	6.336	0.847





Plum Brook Ordnance Works **AA1-BEDGW004 Falling Head** - corrected displacement

Uncorrected Time (minutes)	Uncorrected displacement (feet)	Corrected displacement **start at 0.092 minutes**	Displ. Correction Formula 1.593
3.350	6.313	0.824	
3.550	6.292	0.803	
3.760	6.268	0.779	
3.980	6.251	0.762	
4.220	6.230	0.741	
4.470	6.221	0.732	
4.730	6.185	0.696	
5.010	6.159	0.670	
5.310	6.138	0.649	
5.620	6.110	0.621	
5.960	6.090	0.601	
6.310	6.070	0.581	
6.680	6.046	0.557	
7.080	6.023	0.534	
7.500	5.998	0.509	
7.940	5.980	0.491	
8.410	5.954	0.465	
8.910	5.933	0.444	
9.440	5.911	0.422	
10.000	5.890	0.401	
10.600	5.872	0.383	
11.200	5.851	0.362	
11.900	5.828	0.339	
12.600	5.813	0.324	
13.300	5.792	0.303	
14.100	5.778	0.289	
15.000	5.759	0.270	
15.800	5.747	0.258	
16.800	5.726	0.237	
17.800	5.716	0.227	
18.800	5.702	0.213	
19.900	5.690	0.201	
21.100	5.679	0.190	
22.400	5.670	0.181	
23.700	5.659	0.170	
25.100	5.647	0.158	
26.600	5.636	0.147	
28.200	5.628	0.139	
29.800	5.617	0.128	
31.600	5.608	0.119	
33.500	5.602	0.113	
35.500	5.593	0.104	
37.600	5.581	0.092	
39.800	5.579	0.090	
42.200	5.573	0.084	
44.700	5.565	0.076	
47.300	5.558	0.069	
50.100	5.555	0.066	
53.100	5.546	0.057	
56.200	5.540	0.051	
59.600	5.527	0.038	
63.100	5.524	0.035	
66.800	5.520	0.031	
70.800	5.517	0.028	
75.000	5.509	0.020	
79.400	5.506	0.017	
84.100	5.501	0.012	
89.100	5.499	0.010	



AA1-BEDGW004 RISING HEAD SLUG TEST: ESTIMATED ANALYSIS PARAMETERS

Data Set: I:\...\AA1-BEDGW004_ob.aqt
Date: 07/16/08 Time: 16:07:15

PROJECT INFORMATION

Company: Jacobs
Client: USACE-Nashville
Project: 35BH9308
Location: Plum Brook: Acid Area 1
Test Well: AA1-BEDGW004
Test Date: 05/04/2008

AQUIFER DATA

Saturated Thickness: 60. ft
Anisotropy Ratio (Kz/Kr): 0.5

WELL DATA (AA1-BEDGW004)

Initial Displacement: 1.688 ft
Static Water Column Height: 37.7 ft
Total Well Penetration Depth: 37.7 ft
Screen Length: 25. ft
Casing Radius: 0.0833 ft
Wellbore Radius: 0.2031 ft

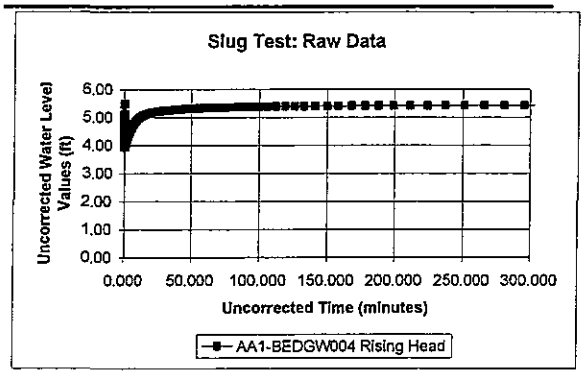
SOLUTION

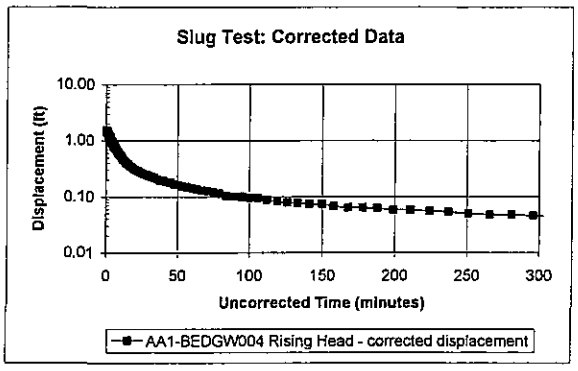
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 3.477E-6 cm/sec
y0 = 0.3085 ft

Plum Brook Ordnance Works **AA1-BEDGW004 Rising Head** - corrected displacement

Uncorrected Time (minutes)	Uncorrected displacement (feet)	Corrected displacement start at 0.298 minutes
0.000	5.471	
0.004	5.469	
0.008	5.474	
0.013	5.480	
0.020	5.468	
0.024	5.471	
0.028	5.466	
0.031	5.471	
0.036	5.470	
0.039	5.468	
0.043	5.470	
0.047	5.471	
0.050	5.471	
0.054	5.468	
0.058	5.474	
0.063	5.110	
0.067	4.897	
0.071	5.012	
0.075	4.677	
0.079	4.287	
0.083	4.252	
0.088	4.297	
0.092	4.214	
0.096	4.279	
0.100	4.368	
0.106	4.412	
0.112	4.420	
0.119	4.337	
0.126	4.369	
0.133	4.416	
0.141	4.394	
0.150	4.394	
0.158	4.424	
0.168	4.426	
0.178	4.428	
0.188	4.452	
0.199	4.452	
0.211	4.028	
0.224	4.125	
0.237	4.106	
0.251	4.061	
0.266	4.016	
0.282	3.973	
0.298	3.945	1.529
0.316	3.940	1.534
0.335	3.959	1.515
0.355	3.959	1.515
0.376	3.960	1.514
0.398	3.962	1.512
0.422	3.973	1.501
0.447	3.974	1.500
0.473	3.985	1.489
0.501	3.986	1.488
0.531	3.997	1.477
0.562	4.003	1.471
0.596	4.012	1.462
0.631	4.015	1.459
0.668	4.024	1.450
0.708	4.029	1.445
0.750	4.038	1.436
0.794	4.045	1.429
0.841	4.052	1.422
0.891	4.064	1.410
0.944	4.078	1.396
1.000	4.086	1.388
1.060	4.098	1.376
1.120	4.109	1.365
1.190	4.116	1.358
1.260	4.130	1.344
1.330	4.141	1.333
1.410	4.155	1.319
1.500	4.168	1.306
1.580	4.184	1.290
1.680	4.196	1.278
1.780	4.217	1.257
1.880	4.231	1.243
1.990	4.247	1.227
2.110	4.265	1.209
2.240	4.284	1.190
2.370	4.301	1.173
2.510	4.321	1.153
2.660	4.341	1.133
2.820	4.363	1.111
2.980	4.381	1.093
3.160	4.404	1.070

Displ. Correction Formula
1.529





Plum Brook Ordnance Works **AA1-BEDGW004 Rising Head** - corrected displacement

Uncorrected Time (minutes)	Uncorrected displacement (feet)	Corrected displacement start at 0.298 minutes	Displ. Correction Formula 1.529
3.350	4.427	1.047	
3.550	4.454	1.020	
3.760	4.475	0.999	
3.980	4.502	0.972	
4.220	4.542	0.932	
4.470	4.524	0.950	
4.730	4.579	0.895	
5.010	4.607	0.867	
5.310	4.636	0.838	
5.620	4.663	0.811	
5.960	4.696	0.778	
6.310	4.723	0.751	
6.680	4.748	0.726	
7.080	4.774	0.700	
7.500	4.804	0.670	
7.940	4.833	0.641	
8.410	4.862	0.612	
8.910	4.889	0.585	
9.440	4.914	0.560	
10.000	4.940	0.534	
10.600	4.960	0.514	
11.200	4.985	0.489	
11.900	5.014	0.460	
12.600	5.034	0.440	
13.300	5.052	0.422	
14.100	5.073	0.401	
15.000	5.091	0.383	
15.800	5.106	0.368	
16.800	5.125	0.349	
17.800	5.138	0.336	
18.800	5.152	0.322	
19.900	5.168	0.306	
21.100	5.180	0.294	
22.400	5.187	0.287	
23.700	5.200	0.274	
25.100	5.212	0.262	
26.600	5.221	0.253	
28.200	5.229	0.245	
29.800	5.238	0.236	
31.600	5.247	0.227	
33.500	5.256	0.218	
35.500	5.268	0.206	
37.600	5.279	0.195	
39.800	5.282	0.192	
42.200	5.291	0.183	
44.700	5.295	0.179	
47.300	5.307	0.167	
50.100	5.312	0.162	
53.100	5.323	0.151	
56.200	5.325	0.149	
59.600	5.330	0.144	
63.100	5.336	0.136	
66.800	5.345	0.129	
70.800	5.348	0.126	
75.000	5.355	0.119	
79.400	5.360	0.114	
84.100	5.370	0.104	
89.100	5.373	0.101	
94.400	5.375	0.099	
100.000	5.378	0.096	
106.000	5.380	0.094	
112.000	5.387	0.087	
119.000	5.391	0.083	
126.000	5.395	0.079	
133.000	5.396	0.078	
141.000	5.399	0.075	
150.000	5.400	0.074	
158.000	5.406	0.068	
168.000	5.410	0.064	
178.000	5.410	0.064	
188.000	5.412	0.062	
199.000	5.416	0.058	
211.000	5.416	0.058	
224.000	5.418	0.056	
237.000	5.420	0.054	
251.000	5.424	0.050	
266.000	5.426	0.048	
281.000	5.426	0.048	
296.000	5.428	0.046	
311.000	5.430	0.044	
326.000	5.428	0.046	
341.000	5.426	0.048	
356.000	5.428	0.046	
371.000	5.428	0.046	
386.000	5.431	0.043	

Plum Brook Ordnance Works **AA1-BEDGW004 Rising Head** - corrected displacement

Uncorrected Time (minutes)	Uncorrected displacement (feet)	Corrected displacement **start at 0.298 minutes**	Displ. Correction Formula 1.529
401.000	5.432	0.042	
416.000	5.431	0.043	
431.000	5.438	0.036	
446.000	5.435	0.039	
461.000	5.436	0.038	
476.000	5.435	0.039	
491.000	5.440	0.034	

Appendix J
Chemical Data Quality Report

CHEMICAL DATA QUALITY REPORT

DATA FOR THE REMEDIAL INVESTIGATION, PART 1, ACID AREA 1 (AA1)

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Prepared for:

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Abbreviations and Acronyms

C	Celsius
CDQR	Chemical Data Quality Report
CLP	USEPA Contract Laboratory Program
COC	Chain of Custody
CQAR	Chemical Quality Assurance Report
DQO	Data Quality Objectives
GC	Gas Chromatograph or Gas Chromatography
HTRW-CX	Hazardous, Toxic, and Radioactive Waste - Center of Expertise
IS	Internal Standard
Jacobs	Jacobs Engineering Group Inc
LCS	Laboratory Control Sample
MD	Matrix Duplicate
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PAH	Polynuclear Aromatic Hydrocarbon Compounds
PCB	Polychlorinated Biphenyl Compounds
QA	Quality Assurance
QA/QC	Quality Assurance/Quality Control
QC	Quality Control
QAPP	Quality Assurance Project Plan
RL	Reporting Limit
RPD	Relative Percent Difference
SAP	Sampling and Analysis Plan
SDG	Sample Delivery Group
SVOC	Semi-volatile Organic Compound
SW-846	Solid Waste Analytical Protocols
TAL	Target Analyte List
TCL	Target Compound List
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency
VOC	Volatile Organic Compounds

1.0 INTRODUCTION

This Chemical Data Quality Report (CDQR) presents an evaluation of the quality and usability of the analytical data generated in support of the remedial investigation at Acid Area 1 (AA1) at the former Plum Brook Ordnance Works (PBOW). Jacobs Engineering (Jacobs) performed this remedial investigation for the United States Army Corps of Engineers (USACE) Nashville District under contract number DACW62-03-D-0004, task order 0007.

Both primary and quality assurance (QA) environmental samples were collected by Jacobs and were submitted to approved laboratories for chemical analyses. Jacobs provided data quality evaluation services for the primary data. This CDQR covers Jacobs' evaluation of the primary data.

This evaluation meets and completes the requirement of Step 2 "data verification" of the project data quality assessment (DQA) process. Completion of this step completes Jacob's portion of the requirement in the DQA process. A description of the DQA process is included in Section 8.2.2 of the approved Quality Assurance Project Plan (QAPP). As specified in the QAPP, the findings of this evaluation were discussed in terms of data precision, accuracy, representativeness, sensitivity and completeness.

1.1 REPORT ORGANIZATION

The CDQR has been organized into four sections and two attachments:

- Section 1 - Report organization and data quality program including: analytical laboratory used, analytical samples included in the evaluation, analytical protocols/methods employed, data evaluation procedures followed, and summary of data reporting formats.
- Section 2 - Definitions of qualifiers that may be assigned to data based on this evaluation.
- Section 3 - Statement of the project overall data quality and summary of qualifiers applied to the data as a result of this evaluation.
- Section 4 - Data quality narratives.
- Attachment 1 - Sample information tables including field and laboratory ID cross-reference.
- Attachment 2 - Test result tables with review qualifiers applied.

1.2 DATA QUALITY ASSURANCE PROGRAM

In order to verify compliance with project objects, it was required that certain measurements of chemical constituents in environmental samples be made that met definitive data quality standards. This CDQR is applicable to those data.

Definitive data standards are specified by the USEPA in *"Data Quality Objectives Process for Superfund,"* EPA540-R-93-071, USEPA Office of Emergency and Remedial Response, September 1993. Definitive data are defined as follows:

> "Definitive data are generated using rigorous analytical methods, such as approved EPA reference methods. Data are analyte-specific, with confirmation of analyte identity and concentration. Methods produce tangible raw data (e.g., chromatograms, spectra, digital values) in the form of paper printouts or computer-generated electronic files. Data may be generated at the site or at an off-site location, as long as the QA/QC requirements are satisfied. For the data to be definitive, either analytical or total measurement error must

be determined."

Specific project data quality objectives (DQOs) and procedures to achieve the DQOs are documented in the approved project Sampling and Analysis Plan Addendum (SAP). Key elements of the quality program relating to this evaluation include:

- Use of approved, USACE-validated laboratories.
- Use of a sampling program designed to meet the project objectives.
- Use of appropriate analytical methods and measurement parameters.
- Evaluation of reported QA/QC to verify compliance with DQOs.
- Use of appropriate analytical data reporting formats.

These elements are discussed in the following paragraphs.

1.2.1 Project Analytical Laboratories

The analytical laboratories employed on this project were evaluated by the USACE Hazardous, Toxic and Radioactive Waste Center of Expertise (HTRW-CX) and hold a current letters of validation from HTRW-CX to perform sample analyses in support of the USACE HTRW Program. This validation confirms their ability to produce reliable and defensible data. The primary analytical laboratory that was used was:

Empirical Laboratories
Contact: Ms. Marcia McGinnity, Project Manager (PM)
227 French Landing Drive
Suite 550
Nashville, TN 37228
Phone: (615) 345-1115

1.2.2 Sampling Program Design/Project Samples

The sampling program was designed to collect samples representative of site conditions at the time of sampling and to generate data of sufficient quality and quantity to make the intended decisions. Project analytical samples were collected using standardized, USACE approved procedures documented in the sampling and analysis plan (SAP). The SAP was approved by the USACE prior to collection of the associated project samples and included the basis for selecting the sampling locations, sample collection procedures, frequency and type of samples collected, and the analytical parameters for each sample. There were no known deviations to the sample collection procedures presented in the SAP.

Definitive data measurements were required for the samples collected in support of this investigation. The investigation utilized the EPA Target Analyte List/Target Compound List (TAL/TCL) of analytes as the constituents of concern. The rationale for required analytical measurements and resulting data use is specified in the project QAPP.

Project samples included in this evaluation consist of 45 surface soil samples, 15 sediment samples, 10 surface water samples, 19 groundwater samples and associated field QC samples collected from April 2007 – May 2008. The laboratory reported the analyses in several sample delivery groups (SDGs). The SDGs included in this evaluation are:

ELAB SDG # PLUMBROOK S005 (Surface Soil)

ELAB SDG # PLUMBROOK S006 (Surface Soil)
ELAB SDG # PLUMBROOK S007 (Surface Soil)
ELAB SDG # PLUMBROOK S008 (Sediment)
ELAB SDG # PLUMBROOK W005 (Surface Water)
ELAB SDG # PLUMBROOK W006 (Groundwater)
ELAB SDG # PLUMBROOK W007 (Groundwater)

A listing of specific project samples contained in each SDG, along with a cross reference of sample field ID numbers to laboratory ID numbers, is included with this report as Attachment 1.

1.2.3 Project Analytical Methods and Measurement Parameters

In order to obtain definitive data and promote data comparability, the laboratory was required to perform testing within the guidelines of standardized, USEPA and USACE approved methods and procedures included in the following protocols:

- *"Test Methods for Evaluating Solid Waste,"* SW-846, 3rd Edition, Update III, U.S. EPA, November 1986, (SW-846).
- "*Shell for Analytical Chemistry Requirements*," Appendix I, from EM 200-1-3 "*Requirements for the Preparation of Sampling and Analysis Plans*" USACE HTRW-CX, February 2001.

The project included collection of definitive data for all soil, sediment, surface water and groundwater samples for all measurement parameters. Specific analytical methods used in the analysis of each project sample were included in the laboratory case narratives included in each SDG and are summarized below for each primary sample type.

Soil Samples

- Semivolatile Organic Compounds (SVOCs) by SW846/3541/8270C
- Polychlorinated biphenyls (PCBs) by SW846/3541/3665A/8082
- Nitroaromatics by SW846/8330
- TAL Metals by SW846/3050B/6010B/7471A
- Volatile Organic Hydrocarbons (VOCs) by SW846/5035/8260B

Sediment Samples

- Semivolatile Organic Compounds (SVOCs) by SW846/3541/8270C
- Polychlorinated biphenyls (PCBs) by SW846/3541//3665A/8082
- Nitroaromatics by SW846/8330
- TAL Metals by SW846/3050B/6010B/7471A
- Volatile Organic Hydrocarbons (VOCs) by SW846/5035/8260B

Surface Water Samples

- Semivolatile Organic Compounds (SVOCs) by SW846/3510C/8270C
- Polychlorinated biphenyls (PCBs) by SW846/3510C/8082
- Nitroaromatics by SW846/8330
- TAL Metals by SW846/3005A/6010B/7470A
- Volatile Organic Hydrocarbons (VOCs) by SW846/5030B/8260B

Groundwater Samples

- Semivolatile Organic Compounds (SVOCs) by SW846/3510C/8270C
- Polychlorinated biphenyls (PCBs) by SW846/3510C/8082
- Nitroaromatics by SW846/8330
- TAL Metals by SW846/3005A/6010B/7470A
- Dissolved Metals by SW846/3005A/6010B/7470A (November 2007 round only)
- Volatile Organic Hydrocarbons (VOCs) by SW846/5030B/8260B
- Cyanide by SW846/9012A
- Total Organic Carbon (TOC) by SW846/9060
- Total Dissolved Solids (TDS) by E160.1 or SM2540C
- Total Suspended Solids (TSS) by E160.2 or SM2540D
- Turbidity by E180.1
- Hardness by E200.7
- Chloride and Sulfate by E300.0
- Alkalinity by E310.1 or SM2320B
- Nitrate/Nitrite by E353.2

1.2.3.1 Deviations from Planned Analytical Procedures

The only deviation from the QAPP prescribed analytical methods was for the SVOC and PCB soil preparatory method. The QAPP requires soxhlet extraction by SW846/3540C. Empirical Laboratories had previously requested permission to perform soxtherm extraction by SW846/3541. This minor modification was approved in advance with Jacobs and the Nashville District Chemist. This modification to the preparatory method for SVOCs and PCBs will not adversely affect data comparability with the initial soils data from the site.

1.2.4 Data Evaluation Procedure

The quality of this data has been evaluated following the "data verification" procedure included in the QAPP as Step 2 of the five-step USACE DQA process. The procedure was derived from the USACE "*Shell for Analytical Chemistry Requirements*" and considers the project DQOs, QC requirements of the analytical methods, and informed professional judgment of the evaluator. Qualified Jacobs personnel, experienced in the evaluation of analytical data quality, performed data evaluation.

A brief description of the procedure followed in this evaluation is presented below.

Data Verification Procedure

At a minimum, the following data quality issues were addressed in this evaluation with respect to 100% of the sample data.

- Review of chain-of-custody and sample receipt forms to evaluate sample receipt data, damaged sample containers, etc.
- Review of laboratory testing methods, detection limits, holding times, data qualifiers, etc.
- Review of field QC blank data to detect contamination from outside sources.
- Review of field QC duplicates to evaluate data reproducibility.

- Review of laboratory QC including laboratory blanks, spike recoveries, and duplicates.
- Verification of calibrations as summarized by the laboratory on the CLP-like reporting forms and within their case narratives.
- Qualification of unusable data as rejected and attachment of appropriate qualifiers to usable data.
- Presentation of data evaluation findings in terms of the data quality parameters precision, accuracy, representativeness, sensitivity and completeness.

Data quality parameters were evaluated as follows:

- Precision - Precision is defined as the degree to which two or more measurements are in agreement. Precision is measured by comparing duplicate sample results and is expressed as the relative percent difference (RPD) between native and FD samples results, native and laboratory replicate samples results, MS and MSD recoveries, and/or laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) recoveries.

  Field precision is measured by comparing FD sample results. FD samples are collected by taking two sequential aliquots of the same soil/sediment sample or aqueous sample, and submitting the samples to the laboratory for analysis as two separate samples. The maximum allowable RPD for soil and sediment samples, when concentrations in the native and field duplicate sample are greater than five times the reporting limit, is 100 percent. The maximum allowable RPD for aqueous samples, when concentrations in the native and field duplicate sample are greater than five times the reporting limit, is 67 percent. Results that exceed the allowable RPD are qualified as estimated in both the native and FD sample.

  Laboratory precision is measured by the analysis of MS/MSD samples, LCS/LCSD samples and/or laboratory replicate samples. Precision objectives for respective analyses are listed in the Plum Brook QAPP. For organic analyses where MS/MSD RPD values exceed the accepted criteria, results in the parent sample are qualified as estimated. For inorganic analyses where the MS/MSD or laboratory replicate RPD values exceed the accepted criteria, results in the associated preparatory or analysis batch are qualified as estimated. For LCS/LCSD RPD values that exceed criteria, all samples in the associated batch are qualified as estimated.

- Accuracy - Accuracy is defined as the degree to which the detected value represents the true value. Accuracy is frequently used synonymously with bias. The term bias describes the systematic or persistent error associated with a measurement process. Accuracy is assessed through the collection and analysis of blanks (field and laboratory) and other QC samples or spikes.

  Accuracy in the field is assessed through the collection and analysis of equipment blanks (EBs) and trip blanks (TBs). Contamination in blanks indicates that false positive results or results that are biased high may exist for samples associated with the affected blanks. During data review, sample data are qualified as nondetect based on EB and TB results when the analyte in the associated sample is less than five times the result in the EB or TB (10 times for common laboratory contaminants such as acetone, 2-butanone [also known as methyl ethyl ketone (MEK)], methylene chloride, etc.

  Accuracy in the laboratory is measured by a variety of means including sample holding times and preservation; instrument calibration; analysis of QC samples such laboratory

blanks, MS samples and LCS samples; internal standard areas; and surrogate recovery in organic analyses. Laboratory blank qualifications are applied in the same manner as field blank qualifications. Accuracy is quantitatively measured by calculating percent recoveries for MS samples, LCS samples and surrogates.

- Representativeness – Representativeness expresses the degree to which data collected for a sample accurately and precisely represent the in situ conditions of the sample. Representativeness is a qualitative parameter that is dependent upon the proper design of the sampling program and proper laboratory protocol. Sampling plans are designed to provide data representative of the areas of investigation.

- Completeness – Completeness is calculated by comparing the number of valid measurements obtained to the number of measurements planned for the samples.

- Sensitivity - by evaluation of laboratory detection limits, reporting units, and the overall performance of the chosen methods.

1.2.5 Data Reporting Formats

1.2.5.1 Laboratory Data Packages and Analytical Results

The laboratory reported field sample and supporting QC data in a format consistent with the USEPA Contract Laboratory Program (CLP) data reporting requirements. This "CLP-like" format included most applicable report summary forms and was sufficient to complete Step 2 of the DQA process. In a few cases the raw quantitation reports had to be reviewed to evaluate dilutions, manual integrations, and to check for proper quantitation.

The supplied reports did include chromatograms and other raw data that are necessary to complete a third party validation of the DQA process for all parameters of interest. However, third party validation is not currently planned for AA1.

The complete analytical data packages received from the project laboratories and evaluated in this review are available from Jacobs upon request from the CELRN.

1.2.5.2 Data Quality Non-Conformances

Data quality non-conformances identified as a result of this review are presented in Section 4.0, Data Quality Narratives. The data quality narratives are detailed explanations of the findings of this evaluation in terms of precision, accuracy, representativeness, sensitivity and completeness. They are intended to present a compilation of laboratory QC results found outside project acceptance criteria and provide an assessment of the potential impact those results had on the analytical data. Typically, the bulk of the project analytical protocol requirements are fulfilled and, therefore, are not summarized in the narratives.

Tabular presentations of the analytical sample results were included in the SDG. The respective laboratory test results tables were compiled into Data Summary Tables from the Electronic Data Deliverable (EDD) and were included with this report as Attachment 2. In addition, the validation qualifiers were applied to sample data to indicate data use limitations based on the findings of this evaluation.

2.0 DATA QUALIFIER DEFINITIONS

The following definitions provide explanations of the data qualifiers that may be assigned to results based on this evaluation. The data qualifier definitions are consistent with those used within the USEPA NFG referenced in Section 1.2.3 of this report.

U- The analyte was analyzed for but not detected (ND). The value preceding the U is the Contract Required Quantitation Limit (CRQL), also known as the reporting limit (RL).

J- The identification of the analyte is acceptable, but the quality assurance criteria indicate that the quantitative values may be outside the normal expected range of precision (i.e. the quantitative value is considered estimated).

UJ- This flag is a combination of the U and J qualifiers. This indicates that the analyte is not present and the reported value is considered to be an estimated CRQL.

R- Data are considered to be rejected and shall not be used. This flag denotes the failure of quality control criteria such that it cannot be determined if the analyte is present or absent from the sample.

3.0 DATA EVALUATION SUMMARY

3.1 OVERALL ASSESSMENT OF PROJECT DATA QUALITY

In general, QA/QC results associated with this data indicated that the data met "definitive data" standards and were of known quality. QC data demonstrated that the QA mechanisms were effective in ensuring measurement data reliability within expected limits of sampling and analytical error and were considered, as qualified, representative of actual site conditions at the time sampled.

Data reported are acceptable for the uses as intended with the required qualifications and limitations. The data users are urged to review the Data Quality Narratives and associated data qualifications before utilizing this data for decision-making.

Summary Of Required Data Qualifications

This section provides a summary of qualifiers applied to the data as a result of this evaluation. Attachment 2 includes tabular presentations of the analytical sample results with data qualifiers applied based on the findings of this evaluation. The data qualifier definitions applied during this review are presented in Section 2.0. Section 4.0, Data Quality Narratives, contains discussion of the evaluation findings along with an assessment of the impact on project data. Data qualified as estimated due to detection at a level below the laboratory quantitation limit but above the method detection limit were not included in this summary since they were not qualified due to QC non-conformance.

Soil Data:

Several soil results were qualified as estimated due to QC non-conformances detailed in Section 4.1, below. Twenty-one benzoic acid results were rejected as unusable due to QC non-conformances detailed in Section 4.1, below.

Sediment Data:

Several sediment results were qualified as estimated due to QC non-conformances detailed in Section 4.2, below. One hexachlorocyclopentadiene result was rejected as unusable due to QC non-conformances detailed in Section 4.2, below.

Surface Water Data:

Several surface water results were qualified as estimated due to QC non-conformances detailed in Section 4.3, below. Seventy-three acidic SVOC compound results were rejected as unusable due to QC non-conformances detailed in Section 4.3, below.

Groundwater Data:

Several groundwater results were qualified as estimated due to QC non-conformances detailed in Section 4.4, below. No groundwater results were rejected due to QC non-conformances; however TDS and TSS were not analyzed on one sample due to a laboratory oversight.

4.0 DATA QUALITY NARRATIVES

The findings of this data quality evaluation are presented below in terms of matrix (soil, sediment, surface water, groundwater) and precision, accuracy, representativeness, sensitivity and completeness.

4.1 SOIL DATA

4.1.1 SOIL DATA PRECISION

4.1.1.1 Field QC Duplicate Precision Review

Five FD soil samples were collected for all analytical parameters. Project field duplicate precision indicators were found to be in control for each analytical method, no qualifications were required.

4.1.1.2 Laboratory Duplicate Precision Review

Project laboratory duplicate precision indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification.

Specific Findings:

LCS/LCSD RPD:
All LCS/LCSD RPD results were within accepted criteria; no qualifiers were required.

MS/MSD RPD:
Results for aluminum, copper, iron and lead in nine soil samples and one soil FD sample were qualified as estimated (coded "J") due to MS/MSD RPD exceedances. Results for mercury in 18 soil samples and two soil FD samples were qualified as estimated (coded "J" or "UJ") due to MS/MSD RPD exceedances. Results for one VOC compound and several SVOC compounds were qualified as estimated due to MS/MSD RPD exceedances. Table 4-1 summarizes the MS/MSD QC outliers.

Laboratory Replicate RPD:
All laboratory replicate RPD results were within accepted criteria; no qualifiers were required.

Second Column Confirmation RPD:
The second column confirmation of nitroaromatic compound results in two soil samples were found to exceed the RPD criteria of 40%. Based on interferences in the samples leading to high RPD between the primary and confirmatory result values, results were qualified as estimated ("J") to indicate the potential imprecise measurement. The column RPD outliers are detailed in Table 4-2.

Serial Dilution RPD:
The results for lead in 44 soil samples and 5 soil FD samples were qualified as estimated (coded "J") due to serial dilution RPD outliers. Results qualified due to serial dilution outliers are summarized in Table 4-3.

4.1.2 SOIL DATA ACCURACY

4.1.2.1 Field Data Accuracy Review

Data in soil samples were not qualified due to field blank results, indicating good sampling protocol and lack of field bias in sample results.

4.1.2.2 Laboratory Data Accuracy Indicators Review

Project accuracy indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification. Instances were dilutions caused surrogate or spike recoveries to be diluted out are not discussed as findings if qualification was not deemed necessary.

Specific Findings:

Hold Time:
The result for Aroclor 1260 in sample PBOW-07-SO-AA1-SB-21-A-0.5'-1.5' was qualified as estimated because the result was obtained from a sample extracted two days beyond the 14 day hold time for PCBs in soil. The result is summarized in Table 4-4

Sample Temperature:
The results for PCBs, SVOCs and nitroaromatics in 25 soil samples and two soil FD samples were qualified as estimated (coded "J" or "UJ") due to elevated cooler temperatures upon sample receipt at the laboratory. Since these compounds are all semivolatile in nature, and in general not impacted by mildly elevated (less than 10°C) cooler temperatures, the impact to the results is likely minimal. Results qualified due to elevated cooler temperatures are summarized in Table 4-5.

Initial Calibration Results:
All initial calibration results were within acceptance criteria; no qualifications were required.

Continuing Calibration Results:
The results for beryllium in 15 soil samples and two FD soil samples were qualified as estimated (coded "J") due to continuing calibration verification (CCV) outliers. The nondetect results for 2-hexanone in six soil samples and two FD soil samples and the results for acetone in two soil samples were qualified as estimated (coded "J" or "UJ") due to CCV outliers. Table 4-6 summarizes results qualified due to CCV QC outliers.

Calibration Verification Results:
The nondetect results for 2-hexanone in 40 soil samples and five FD soil samples were qualified as estimated (coded "UJ") due to low recoveries in the associated initial calibration verification (ICV) standard. The results for carbon disulfide were qualified as estimated (coded "J") in 14 samples and one FD soil sample due to high recoveries in the associated ICV standard. Results qualified due to ICV outliers are summarized in Table 4-7.

LCS/LCSD Recovery Results:
The nondetect results for benzoic acid in 18 soil samples and two FD soil samples were rejected (coded "R") due to less than 10 percent LCS and/or LCSD recoveries. These results are summarized in Table 4-8.

MS/MSD Recovery Results:
The nondetect results for antimony in 18 soil samples and two FD soil samples were qualified as estimated (coded "UJ") due to low MS recoveries; the detected results for chromium, copper, lead and zinc were qualified as estimated (coded "J") due to high MS recoveries. The results for mercury in 18 soil samples and two FD soil samples were qualified as estimated (coded "J" or "UJ") due to low MS recoveries. The results for several VOC compounds in three samples were qualified as

estimated (coded "J" or "UJ") due to low MS and/or MSD recoveries. Results for several SVOC compounds in sample PBOW-07-SO-AA1-SB-29-A-3'-5' were qualified as estimated due to low MS and/or MSD recoveries. The result for benzoic acid in sample PBOW-07-SO-AA1-SB-34-A-0.5'-1.5' was rejected (coded "R") due to MS/MSD recoveries of less than 10 percent. Results qualified due to MS/MSD recovery outliers are summarized in Table 4-9.

Laboratory Blank Results:
VOC results in several samples were qualified as nondetect (coded "U") due to detects in associated laboratory blanks. These results are summarized in Table 4-10.

Laboratory Negative Metals Blank Results:
There were no negative metals blanks associated with these samples; no qualifiers were required.

Internal Standard Area Counts:
VOC results in three samples were qualified as estimated (coded "U" or "UJ") due to low internal standard area counts. These results are summarized in Table 4-11.

Surrogate Standard Recoveries:
The total xylene result in sample PBOW-07-SO-AA1-SB-32-A-0.5'-1.5' was qualified as estimated (coded "J") due to high surrogate spike results. Several SVOC results in 22 soil samples and one FD soil sample were qualified as estimated (coded "J" or "UJ") due to low surrogate recoveries. Results qualified due to low surrogate standard recoveries are summarized in Table 4-12.

4.1.3 SOIL DATA REPRESENTATIVENESS

Samples collected as part of the soil sampling event followed the Plum Brook AA1 Field Sampling Plan and, with the exception of the temperature and hold time exceedances described above in Section 4.1.2, represent as much as possible the *in situ* field conditions. The impact from the temperature and hold time exceedances are most likely minimal because the exceedances affected only SVOCs, PCBs, and nitroaromatics, which are compound classes that are not adversely impacted by minor exceedances in either hold times or temperature. Results associated with these outliers have been qualified as estimated (coded "J" or "UJ"), as appropriate.

4.1.4 SOIL DATA SENSITIVITY

PCB and metal samples were analyzed at dilutions in several samples in order to bring results within the respective method or instrument calibration range. Metal samples were analyzed at dilutions on an individual metal species basis; therefore elevated RLs and DLs were only reported on the impacted metal, not on every metal species in the sample.

PCB analyses due to high concentrations (e.g. above the calibration range) resulted in elevated DLs and RLs for all Aroclors in the sample. In all cases, however, the DLs for the nondetect Aroclors were below the Region IX preliminary remediation goals.

4.1.5 SOIL DATA COMPLETENESS

In general, the data collected during this sampling event met the established DQOs and can be considered valid for decision making purposes. Data for specific results were qualified as estimated (coded "J" or "UJ") or rejected (coded "R") for noncompliance with established criteria.

All of the planned samples were collected, and all of the planned sample analyses were performed, resulting in a 100 percent field completeness for the soil sampling event. Of the 8,149 analytical

data results, 21 were rejected, resulting in a greater than 99 percent analytical completeness for the analytical data. All of the rejected data points were for benzoic acid LCS/LCSD or MS/MSD recovery nonconformances, and have minimal impact on the data, as benzoic acid is not a contaminant of concern in this investigation.

4.2 SEDIMENT DATA

4.2.1 SEDIMENT DATA PRECISION

4.2.1.1 Field QC Duplicate Precision Review

Two FD soil samples were collected for all analytical parameters. The results for Aroclor 1254 and Aroclor 1260 in sample pair PBOW-07-SD-AA1-SD04-A/D were qualified as estimated due to FD RPD noncompliances. All other FD RPD results were within method and QAPP compliance. The FD RPD outliers are summarized in Table 4-13.

4.2.1.2 Laboratory Duplicate Precision Review

Project laboratory duplicate precision indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification.

Specific Findings:

LCS/LCSD RPD:
The nondetect results for the SVOC compound 2,4-dinitrophenol in three sediment samples was qualified as estimated (coded "UJ") due to an LCS/LCSD RPD noncompliance. The results for the samples qualified due to the LCS/LCSD RPD exceedance are summarized in Table 4-14.

MS/MSD RPD:
Results for manganese in 15 soil samples and two sediment FD sample were qualified as estimated (coded "J") due to MS/MSD RPD exceedances. Table 4-15 summarizes the MS/MSD QC outliers.

Laboratory Replicate RPD:
All laboratory replicate RPD results were within accepted criteria; no qualifiers were required.

Second Column Confirmation RPD:
All second column confirmation results were within accepted criteria; no qualifiers were required.

Serial Dilution RPD:
All serial dilution results were within accepted criteria; no qualifiers were required.

4.2.2 SEDIMENT DATA ACCURACY

4.2.2.1 Field Data Accuracy Review

The result for toluene in sample PBOW-07-SD-AA1-SD11-A was qualified as nondetect (coded "U") due to concentrations in the associated trip blank. No other data qualifications based on field blank data were performed. The field blank qualification is summarized in Table 4-16

4.2.2.2 Laboratory Data Accuracy Indicators Review

Project accuracy indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification. Instances were dilutions caused surrogate or spike recoveries to be diluted out are not discussed as findings if qualification was not deemed necessary.

Specific Findings:

Hold Time:
The SVOC results for 12 sediment samples and two sediment FD samples were qualified as estimated (coded "J" or "UJ") because the samples were extracted outside the 14 day hold time requirement. Samples were originally extracted within hold time criteria; however, the LCS recoveries were unacceptable and the samples were reextracted outside of the hold time window. Results qualified due to hold time exceedances are summarized in Table 4-17.

Sample Temperature:
All samples were received within temperature criteria; no qualifications were necessary.

Initial Calibration Results:
All initial calibration results were within acceptance criteria; no qualifications were required.

Continuing Calibration Results:
The result for acetone in one sediment sample was qualified as estimated (coded "J") due to continuing calibration verification (CCV) outliers. The results for pyrene in six samples were qualified as estimated (coded "J") due to CCV outliers. The nondetect results for 3,3'-dichlorobenzidene, benzyl alcohol, and 4-nitrophenol were coded as estimated (coded "UJ") due to CCV outliers. Table 4-18 summarizes results qualified due to CCV QC outliers.

Calibration Verification Results:
The results for carbon disulfide in 12 sediment samples and two sediment FD samples were qualified as estimated (coded "J" or "UJ") due to low recoveries in the associated initial calibration verification (ICV) standard. The nondetect results for hexachlorocyclopentadiene were qualified as estimated (coded "UJ") in three sediment samples due to low recoveries in the associated ICV standard. Results qualified due to ICV outliers are summarized in Table 4-19.

LCS/LCSD Recovery Results:
All LCS/LCSD recoveries were within method or project compliance; no qualifications were required.

MS/MSD Recovery Results:
The results for antimony and barium in all sediment samples were qualified as estimated (coded "J" or "UJ") due to low MS recoveries; the detected results for chromium, copper, potassium, sodium and zinc in all sediment samples were qualified as estimated (coded "J") due to high MS recoveries. The nondetect results for several VOC compounds in sample PBOW-07-SD-AA1-SD14-A samples were qualified as estimated (coded "UJ") due to low MS and/or MSD recoveries. The result hexachlorocyclopentadiene in sample PBOW-07-SD-AA1-SD14-A was rejected (coded "R") due to MS/MSD recoveries of less than ten percent. Results qualified due to MS/MSD recovery outliers are summarized in Table 4-20.

Laboratory Blank Results:
Acetone and carbon disulfide results in several VOC samples and di-n-butyl phthalate in several SVOC samples were qualified as nondetect (coded "U" or "UJ") due to detects in associated laboratory blanks. These results are summarized in Table 4-21.

Laboratory Negative Metals Blank Results:
There were no negative metals blanks associated with these samples; no qualifiers were required.

Internal Standard Area Counts:
Four VOC results in sample PBOW-07-SD-AA1-SD01-A and all the SVOC results in sample PBOW-07-SD-AA1-SD02-A were qualified as estimated (coded "UJ") due to low internal standard area counts. These results are summarized in Table 4-22.

Surrogate Standard Recoveries:
Several SVOC results in five sediment samples were qualified as estimated (coded "J") due to high surrogate recoveries. Results qualified due to low surrogate standard recoveries are summarized in Table 4-23.

4.2.3 SEDIMENT DATA REPRESENTATIVENESS

Samples collected as part of the soil sampling event followed the Plum Brook AA1 Field Sampling Plan and, with the exception of the hold time exceedances described above in Section 4.2.2, represent as much as possible the *in situ* field conditions. The impact from the hold time exceedances are most likely minimal because the exceedance time was minimal, and the exceedances affected only SVOCs which is a compound class that is not adversely impacted by minor exceedances in hold. Results associated with these outliers have been qualified as estimated (coded "J" or "UJ"), as appropriate.

4.2.4 SEDIMENT DATA SENSITIVITY

PCB and metal samples were analyzed at dilutions in several samples in order to bring results within the respective method or instrument calibration range. Metal samples were analyzed at dilutions on an individual metal species basis; therefore elevated RLs and DLs were only reported on the impacted metal, not on every metal species in the sample.

PCB analyses due to high concentrations (e.g. above the calibration range) resulted in elevated DLs and RLs for all Aroclors in the sample. In all cases, however, the DLs for the nondetect Aroclors were below the Region IX preliminary remediation goals.

4.2.5 SEDIMENT DATA COMPLETENESS

In general, the data collected during this sampling event met the established DQOs and can be considered valid for decision making purposes. Data for specific results were qualified as estimated (coded "J" or "UJ") or rejected (coded "R") for noncompliance with established criteria.

All of the planned samples were collected, and all of the planned sample analyses were performed, resulting in a100 percent field completeness for the soil sampling event. Of the 8,149 analytical data results, one was rejected, resulting in a greater than 99 percent analytical completeness for the analytical data. The rejected data point was for hexachlorocylcopentadiene MS/MSD recovery nonconformances, and have minimal impact on the data, as hexachlorocyclopentadiene is not a contaminant of concern in this investigation.

4.3 SURFACE WATER DATA

4.3.1 SURFACE WATER DATA PRECISION

4.3.1.1 Field QC Duplicate Precision Review

Two FD surface water samples were collected for all analytical parameters. The results for iron, lead and manganese in sample pair PBOW-07-SW-AA1-SW07-A/D were qualified as estimated (coded "J" or "UJ") due to FD RPD noncompliances. All other FD RPD results were within method and QAPP compliance. The FD RPD outliers are summarized in Table 4-24.

4.3.1.2 Laboratory Duplicate Precision Review

Project laboratory duplicate precision indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification.

Specific Findings:

LCS/LCSD RPD:
All LCS/LCSD RPD results were within accepted criteria; no qualifiers were required.

MS/MSD RPD:
The nondetect results for for several SVOC compounds in sample PBOW-07-SW-AA1-SW11-A were qualified as estimated (coded "UJ") due to MS/MSD RPD exceedances. Table 4-25 summarizes the MS/MSD QC outliers.

Laboratory Replicate RPD:
All laboratory replicate RPD results were within accepted criteria; no qualifiers were required.

Second Column Confirmation RPD:
The result for 2-Amino-4,6-Dinitrotoluene in sample PBOW-07-SW-AA1-SW01-A and the result for RDX in sample PBOW-07-SW-AA1-SW11-A were qualified as estimated due to second column confirmation RPD exceedances. The qualifications are summarized in Table 4-26.

Serial Dilution RPD:
All serial dilution results were within accepted criteria; no qualifiers were required.

4.3.2 SURFACE WATER DATA ACCURACY

4.3.2.1 Field Data Accuracy Review

The result for toluene in sample PBOW-07-SW-AA1-SW10-A was qualified as nondetect (coded "U") due to concentrations in the associated trip blank. No other data qualifications based on field blank data were performed. The field blank qualification is summarized in Table 4-27.

4.3.2.2 Laboratory Data Accuracy Indicators Review

Project accuracy indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification. Instances were dilutions caused surrogate or spike recoveries to be diluted out are not discussed as findings if qualification was not

deemed necessary.

Specific Findings:

Hold Time:
All samples were prepared or analyzed within hold time criteria; no qualifications were necessary.

Sample Temperature:
All samples were received within temperature criteria; no qualifications were necessary.

Initial Calibration Results:
All initial calibration results were within acceptance criteria; no qualifications were required.

Continuing Calibration Results:
The nondetect results for benzo(g,h,i)perylene in eight surface water samples and one surface water FD sample were qualified as estimated (coded "UJ") due to continuing calibration verification (CCV) outliers. The results for zinc in six samples were qualified as estimated (coded "J") due to CCV outliers. Table 4-28 summarizes results qualified due to CCV QC outliers.

Calibration Verification Results:
All initial calibration verification (ICV) results were within criteria; no qualifications were necessary.

LCS/LCSD Recovery Results:
All LCS/LCSD recoveries were within method or project compliance; no qualifications were required.

MS/MSD Recovery Results:
The nondetect results for several SVOC compounds in sample PBOW-07-SW-AA1-SW11-A were either rejected (coded "R") or qualified as estimated (coded "UJ") due to low MS/MSD recoveries. Results that were rejected had MS/MSD recoveries of less than ten percent. Results qualified due to MS/MSD recovery outliers are summarized in Table 4-29.

Laboratory Blank Results:
The result for nitroaromatic compound 3-nitrotoluene in sample PBOW-07-SW-AA1-SW10-A was qualified as nondetect (coded "U") due to a detection in the associated laboratory blank. This result is summarized in Table 4-30.

Laboratory Negative Metals Blank Results:
There were no negative metals blanks associated with these samples; no qualifiers were required.

Internal Standard Area Counts:
Internal standard area counts were acceptable for all samples; no qualifications were required.

Surrogate Standard Recoveries:
Several acidic compound SVOC results in six samples were qualified as rejected (coded "R") or estimated (coded "J" or "UJ") due to low acid surrogate spike results. Nondetect results where surrogate recoveries were less than ten percent were rejected; detected results where surrogate recoveries were less than ten percent were qualified as estimated. Results in samples where surrogate recoveries were greater than ten percent, but less than the lower acceptance limit were qualified as estimated. Results qualified due to low surrogate standard recoveries are summarized in Table 4-31.

4.3.3 SURFACE WATER DATA REPRESENTATIVENESS

Samples collected as part of the soil sampling event followed the Plum Brook AA1 Field Sampling Plan and represent as much as possible the *in situ* field conditions.

4.3.4 SURFACE WATER DATA SENSITIVITY

Calcium was analyzed at a two-fold dilution in sample PBOW-07-SW-AA1-SW05-A in order to bring it within the calibration range of the instrument. No other analyses required dilutions.

4.3.5 SURFACE WATER DATA COMPLETENESS

In general, the data collected during this sampling event met the established DQOs and can be considered valid for decision making purposes. Data for specific results were qualified as estimated (coded "J" or "UJ") or rejected (coded "R") for noncompliance with established criteria.

All of the planned samples were collected, and all of the planned sample analyses were performed, resulting in a100 percent field completeness for the surface water sampling event. Of the 2,283 analytical data results, 73 were rejected, resulting in a greater than 96.8 percent analytical completeness for the analytical data. The rejected data points were for acidic SVOC compounds associated with low surrogate or MS/MSD recoveries. These low recoveries are likely due to matrix interferences and have minimal impact on the data, as this class of compounds is not primary contaminants of concern for the investigation.

4.4 GROUNDWATER DATA

Groundwater samples were collected in two rounds, one in November 2007 and one in May 2008. Data for both rounds are discussed in aggregate below.

4.4.1 GROUNDWATER DATA PRECISION

4.4.1.1 Field QC Duplicate Precision Review

Two FD groundwater samples were collected for all analytical parameters. The results for iron (total), cyanide, 2-methylnaphthlene and the nitroaromatic compound 2,6-dinitrotoluene in sample pair PBOW-07-GW-AA1-BED-GW001-A/D were qualified as estimated (coded "J") due to FD RPD noncompliances. All other FD RPD results were within method and QAPP compliance. The FD RPD outliers are summarized in Table 4-32.

4.4.1.2 Laboratory Duplicate Precision Review

Project laboratory duplicate precision indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification.

Specific Findings:

LCS/LCSD RPD:
The nondetect results for bromomethane in five groundwater samples and one groundwater FD sample collected in May 2008 were qualified as estimated (coded "UJ") due to noncompliant LCS/LCSD RPD exceedances. Table 4-33 summarizes the LCS/LCSD RPD QC outliers.

MS/MSD RPD:
All MS/MSD RPD results were within accepted criteria; no qualifiers were required.

Laboratory Replicate RPD:
All laboratory replicate RPD results were within accepted criteria; no qualifiers were required.

Second Column Confirmation RPD:
The results for several nitroaromatic compounds in groundwater samples collected in both November 2007 and May 2008 were qualifed as estimated due to due to second column confirmation RPD exceedances. The qualifications are summarized in Table 4-34.

Serial Dilution RPD:
All serial dilution results were within accepted criteria; no qualifiers were required.

4.4.2 GROUNDWATER DATA ACCURACY

4.4.2.1 Field Data Accuracy Review

Data in groundwater samples were not qualified due to field blank results, indicating good sampling protocol and lack of field bias in sample results.

4.4.2.2 Laboratory Data Accuracy Indicators Review

Project accuracy indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification. Instances were dilutions caused surrogate or spike recoveries to be diluted out are not discussed as findings if qualification was not deemed necessary.

Specific Findings:

Hold Time:
Due to a laboratory error, the chloride analysis for sample PBOW-08-GW-AA1-AA1BEDGW003-A and the alkalinity analysis for sample PBOW-08-GW-AA1-AA1GW005-A were analyzed beyond their respective hold times. The results for these analyses have been qualified as estimated (coded "J") and are summarized in Table 4-35.

Sample Temperature:
All samples were received within temperature criteria; no qualifications were necessary.

Initial Calibration Results:
All initial calibration results were within acceptance criteria; no qualifications were required.

Continuing Calibration Results:
The nondetect results for the SVOC compound 2,4-dinitrophenol in one groundwater sample and the nitroaromatic compounds 4-amino-2,6-dinitrophenol and tetryl in two groundwater samples were qualified as estimated (coded "UJ") due to continuing calibration verification (CCV) outliers. The results for acetone in two groundwater samples were qualified as estimated (coded "J") due to CCV outliers. Table 4-36 summarizes results qualified due to CCV QC outliers.

Calibration Verification Results:
All initial calibration verification (ICV) results were within criteria; no qualifications were necessary.

LCS/LCSD Recovery Results:
Nondetect results for PCBs in all groundwater samples collected in May 2008 and the nondetect result for N-nitrosodimethylamine in all groundwater samples collected in May 2008 were qualified as estimated (coded "UJ") due to low LCS/LCSD recoveries. Qualified results are summarized in Table 4-37.

MS/MSD Recovery Results:
The nondetect result for N-nitrosodimethylamine in groundwater sample PBOW-08-GW-AA1-AA1BEDGW004-A collected in May 2008 was qualified as estimated (coded "UJ") due to low MS/MSD recoveries. The qualified result is summarized in Table 4-38.

Laboratory Blank Results:
The results for methylene chloride in five groundwater samples collected in May 2008 were qualified as nondetect (coded "U") due to a detection in the associated laboratory blank. These results are summarized in Table 4-39.

Laboratory Negative Metals Blank Results:
The nondetect results for copper (total) and copper (dissolved) in all groundwater samples collected in November 2008 were qualified as estimated (coded "UJ") due to negative results in one or more of the blanks analyzed for metals. These results are summarized in Table 4-40.

Internal Standard Area Counts:
The results for several SVOC compounds were qualified as estimated (coded "J" or "UJ") in four groundwater samples collected in November 2007 due to low internal standard area counts. The results are summarized in Table 4-41.

Surrogate Standard Recoveries:
The results for nitroaromatic compounds in four groundwater samples and one groundwater FD sample collected in November 2007 and three groundwater samples collected in May 2008, and the results for PCBs in one sample collected in May 2008 were qualified as estimated (coded "J" Or "UJ") due to low surrogate standard recoveries. These results are summarized in Table 4-42.

4.4.3 GROUNDWATER DATA REPRESENTATIVENESS

Samples collected as part of the soil sampling event followed the Plum Brook AA1 Field Sampling Plan and represent as much as possible the *in situ* field conditions.

4.4.4 GROUNDWATER DATA SENSITIVITY

Several VOC, wet chemistry and metal samples were analyzed at dilutions in several samples in order to bring results within the respective method or instrument calibration range. Metal samples were analyzed at dilutions on an individual metal species basis; therefore elevated RLs and DLs were only reported on the impacted metal, not on every metal species in the sample.

4.4.5 GROUNDWATER DATA COMPLETENESS

In general, the data collected during this sampling event met the established DQOs and can be considered valid for decision making purposes. Data for specific results were qualified as estimated (coded "J" or "UJ") for noncompliance with established criteria.

All of the planned samples were collected. Due to a laboratory oversight, TDS and TSS were not

analyzed on sample BED-GW004-A collected in May 2008. All other planned analyses were performed.

None of the 3,721 analytical data results were rejected resulting in a 100 percent analytical completeness for the analytical data.

TABLES

Table 4-1 Soil MS/MSD RPD Noncompliances								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Aluminum	12000	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Copper	57.6	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Iron	18100	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	58.1	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW6010B	Aluminum	18200	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW6010B	Copper	18.9	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW6010B	Iron	2700	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW6010B	Lead	13.6	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Aluminum	8760	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Copper	11.7	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Iron	13500	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	14.8	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW6010B	Aluminum	12500	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW6010B	Copper	13.6	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW6010B	Iron	20800	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW6010B	Lead	8.6	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW6010B	Aluminum	14600	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW6010B	Copper	33.2	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW6010B	Iron	29300	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW6010B	Lead	13.8	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Aluminum	10900	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Copper	51.2	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Iron	22800	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	19.6	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW6010B	Aluminum	13044	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW6010B	Copper	36.9	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW6010B	Iron	27200	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW6010B	Lead	13.9	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Aluminum	6270	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Copper	8.6	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Iron	13600	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	14.4	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW6010B	Aluminum	11000	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW6010B	Copper	24.8	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW6010B	Iron	21400	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW6010B	Lead	11.7	J	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Aluminum	9970	J	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Copper	7.2	J	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Iron	28300	J	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	11.6	J	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW7471A	Mercury	0.016	J	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW7471A	Mercury	0.025	J	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	SW7471A	Mercury	0.023	J	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW7471A	Mercury	0.039	J	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW7471A	Mercury	0.022	J	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW7471A	Mercury	0.032	J	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	SW7471A	Mercury	ND	UJ	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW7471A	Mercury	0.04	J	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW7471A	Mercury	0.028	J	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW7471A	Mercury	0.022	J	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW7471A	Mercury	0.028	J	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW7471A	Mercury	0.032	J	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW7471A	Mercury	0.026	J	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW7471A	Mercury	ND	UJ	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW7471A	Mercury	0.024	J	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW7471A	Mercury	0.04	J	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW7471A	Mercury	0.035	J	mg/Kg

Table 4-1 Soil MS/MSD RPD Noncompliances								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW7471A	Mercury	0.046	J	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW7471A	Mercury	0.018	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW7471A	Mercury	0.76	J	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8260B	Methyl Acetate	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample
J = estimated value
mg/Kg = milligram per kilogram
N1 = normal field sample
ND = nondetect
UJ = estimated nondetect
ug/Kg = micrograms per kilogram

Table 4-2 Soil Second Column RPD Noncompliances								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	SW8330	4-Nitrotoluene	180	J	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	SW8330	4-Nitrotoluene	110	J	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

J = estimated value

N1 = normal field sample

ND = nondetect

ug/Kg = micrograms per kilogram

Table 4-3 Soil Serial Dilution RPD Noncompliances								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW6010B	Lead	12.2	J	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW6010B	Lead	17.7	J	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	SW6010B	Lead	9.6	J	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW6010B	Lead	187	J	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW6010B	Lead	42.8	J	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW6010B	Lead	148	J	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	SW6010B	Lead	4.5	J	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW6010B	Lead	19.5	J	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW6010B	Lead	8	J	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW6010B	Lead	9.8	J	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW6010B	Lead	9.4	J	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	SW6010B	Lead	67.4	J	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	SW6010B	Lead	6.6	J	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	SW6010B	Lead	4.1	J	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW6010B	Lead	11.8	J	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW6010B	Lead	43.2	J	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW6010B	Lead	19.1	J	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW6010B	Lead	13	J	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW6010B	Lead	770	J	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW6010B	Lead	13.2	J	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW6010B	Lead	90.1	J	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW6010B	Lead	10.5	J	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW6010B	Lead	585	J	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW6010B	Lead	11.3	J	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	SW6010B	Lead	88.2	J	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	SW6010B	Lead	12.9	J	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	SW6010B	Lead	39.8	J	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	SW6010B	Lead	597	J	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW6010B	Lead	15.6	J	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	SW6010B	Lead	58.4	J	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	SW6010B	Lead	29.1	J	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	SW6010B	Lead	50.4	J	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	141	J	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW6010B	Lead	80.8	J	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	51.8	J	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW6010B	Lead	12.4	J	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	124	J	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW6010B	Lead	15	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	58.1	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW6010B	Lead	13.6	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	14.8	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	19.6	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW6010B	Lead	13.9	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	14.4	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW6010B	Lead	11.7	J	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	11.6	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW6010B	Lead	8.6	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW6010B	Lead	13.8	J	mg/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample

J = estimated value

mg/Kg = milligram per kilogram

N1 = normal field sample

Table 4-4 Soil Hold Time Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	SW8082	PCB-1260 (Aroclor 1260)	630	J	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

J = estimated value

N1 = normal field sample

ND = nondetect

ug/Kg = micrograms per kilogram

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1254 (Aroclor 1254)	5400	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1260 (Aroclor 1260)	12000	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8082	PCB-1254 (Aroclor 1254)	910	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8082	PCB-1260 (Aroclor 1260)	3200	J	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1254 (Aroclor 1254)	3200	J	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1260 (Aroclor 1260)	7600	J	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8082	PCB-1260 (Aroclor 1260)	5.1	J	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8082	PCB-1254 (Aroclor 1254)	14	J	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8082	PCB-1260 (Aroclor 1260)	34	J	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1254 (Aroclor 1254)	6200	J	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1260 (Aroclor 1260)	18000	J	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8082	PCB-1254 (Aroclor 1254)	5.6	J	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1254 (Aroclor 1254)	470	J	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1260 (Aroclor 1260)	1400	J	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8082	PCB-1254 (Aroclor 1254)	9.5	J	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8082	PCB-1260 (Aroclor 1260)	8	J	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1254 (Aroclor 1254)	1200	J	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8082	PCB-1260 (Aroclor 1260)	2900	J	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1254 (Aroclor 1254)	2700	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1260 (Aroclor 1260)	5500	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8082	PCB-1254 (Aroclor 1254)	1900	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8082	PCB-1260 (Aroclor 1260)	4900	J	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1254 (Aroclor 1254)	630	J	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1260 (Aroclor 1260)	400	J	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8082	PCB-1260 (Aroclor 1260)	6.2	J	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1254 (Aroclor 1254)	4200	J	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1260 (Aroclor 1260)	2300	J	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8082	PCB-1254 (Aroclor 1254)	10	J	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8082	PCB-1260 (Aroclor 1260)	10	J	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1254 (Aroclor 1254)	4600	J	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1260 (Aroclor 1260)	3700	J	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8082	PCB-1260 (Aroclor 1260)	5.5	J	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1254 (Aroclor 1254)	68	J	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1260 (Aroclor 1260)	59	J	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1254 (Aroclor 1254)	400	J	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1260 (Aroclor 1260)	270	J	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8082	PCB-1260 (Aroclor 1260)	4.8	J	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1254 (Aroclor 1254)	1900	J	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1260 (Aroclor 1260)	1600	J	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1254 (Aroclor 1254)	330	J	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8082	PCB-1260 (Aroclor 1260)	140	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Acenaphthylene	150	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Anthracene	120	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(a)anthracene	660	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(a)pyrene	850	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(b)fluoranthene	1400	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(g,h,i)perylene	570	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(k)fluoranthene	580	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Chrysene	810	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Dibenz(a,h)anthracene	160	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Fluoranthene	1200	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Indeno(1,2,3-cd)pyrene	720	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Phenanthrene	580	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Phenol	45	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Pyrene	960	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Anthracene	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(a)anthracene	65	J	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(a)pyrene	72	J	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Chrysene	90	J	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Fluoranthene	130	J	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Phenanthrene	76	J	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8270C	Pyrene	120	J	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Benzo(a)anthracene	68	J	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Chrysene	87	J	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Fluoranthene	110	J	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8270C	Pyrene	110	J	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Unit
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Chrysene	140	J	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dinitrotoluene	54	J	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Methylnaphthalene	47	T	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	bis(2-Ethylhexyl)phthalate	140	J	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications

Location	Sample ID	SampleType	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylnaphthalene	170	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(a)anthracene	48	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Chrysene	83	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Fluoranthene	80	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenanthrene	110	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pyrene	80	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylnaphthalene	410	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(a)anthracene	77	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Chrysene	84	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Fluoranthene	120	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Naphthalene	160	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Phenanthrene	75	J	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Pyrene	120	J	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylnaphthalene	40	J	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(a)anthracene	200	J	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(a)pyrene	200	J	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(g,h,i)perylene	110	J	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Chrysene	240	J	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Fluoranthene	300	J	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenanthrene	350	J	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Fluoranthene	130	J	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenanthrene	110	J	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pyrene	170	J	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Anthracene	120	J	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(a)anthracene	310	J	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(a)pyrene	270	J	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(b)fluoranthene	330	J	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(g,h,i)perylene	140	J	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(k)fluoranthene	220	J	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Chrysene	330	J	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Fluoranthene	540	J	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenanthrene	460	J	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pyrene	650	J	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylnaphthalene	200	J	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(a)anthracene	160	J	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(b)fluoranthene	190	J	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(k)fluoranthene	100	J	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Chrysene	200	J	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Fluoranthene	300	J	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Naphthalene	64	J	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenanthrene	290	J	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pyrene	290	J	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2-Methylnaphthalene	52	J	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Phenanthrene	83	J	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Fluoranthene	72	J	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pyrene	69	J	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Results	Qualifier	Units
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8330	RDX	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8330	Tetryl	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg

Table 4-5 Soil Cooler Temperature Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8330	Tetryl	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8330	HMX	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8330	Nitrobenzene	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8330	RDX	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8330	Tetryl	ND	UJ	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample
J = estimated value
N1 = normal field sample

ND = nondetect
UJ = estimated nondetect
ug/Kg = micrograms per kilogram

Table 4-6 Soil Continuing Calibration Verification Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW6010B	Beryllium	0.25	J	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW6010B	Beryllium	0.87	J	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW6010B	Beryllium	0.53	J	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW6010B	Beryllium	0.62	J	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW6010B	Beryllium	0.55	J	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW6010B	Beryllium	0.66	J	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	SW6010B	Beryllium	0.51	J	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	SW6010B	Beryllium	0.66	J	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	SW6010B	Beryllium	0.44	J	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	SW6010B	Beryllium	0.44	J	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW6010B	Beryllium	1	J	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	SW6010B	Beryllium	0.34	J	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	SW6010B	Beryllium	0.48	J	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	SW6010B	Beryllium	0.45	J	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Beryllium	0.37	J	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW6010B	Beryllium	0.52	J	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Beryllium	0.5	J	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8260B	Acetone	89	J	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	SW8260B	Acetone	33	J	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample
J = estimated value
mg/Kg = milligram per kilogram
N1 = normal field sample
ND = nondetect
UJ = estimated nondetect
ug/Kg = micrograms per kilogram

Table 4-7 Soil Initial Calibration Verification Qualifications								
Location	SampleID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8260B	Carbon Disulfide	3.4	J	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	SW8260B	Carbon Disulfide	4	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8260B	Carbon Disulfide	9.4	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8260B	Carbon Disulfide	2.2	J	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8260B	Carbon Disulfide	24	J	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8260B	Carbon Disulfide	12	J	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8260B	Carbon Disulfide	8.2	J	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8260B	Carbon Disulfide	1.6	J	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	SW8260B	Carbon Disulfide	1.4	J	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	SW8260B	Carbon Disulfide	2	J	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	SW8260B	Carbon Disulfide	6.6	J	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Carbon Disulfide	16	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Carbon Disulfide	30	J	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg

Table 4-7 Soil Initial Calibration Verification Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Carbon Disulfide	1.7	J	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8260B	Carbon Disulfide	3.6	J	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample
J = estimated value
N1 = normal field sample
ND = nondetect
UJ = estimated nondetect
ug/Kg = micrograms per kilogram

Table 4-8 Soil LCS/LCSD Recovery Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzoic acid	-	R	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	SW8270C	Benzoic acid	-	R	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample

N1 = normal field sample

R = rejected data point

ug/Kg = micrograms per kilogram

Table 4-9 Soil MS/MSD Recovery Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Chromium	18.7	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Copper	57.6	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	58.1	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Zinc	71.6	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW6010B	Chromium	24.1	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW6010B	Copper	18.9	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW6010B	Lead	13.6	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW6010B	Zinc	77.2	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Chromium	11.7	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Copper	11.7	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	14.8	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Zinc	51.8	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW6010B	Chromium	17.4	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW6010B	Copper	13.6	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW6010B	Lead	8.6	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW6010B	Zinc	36.8	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW6010B	Chromium	22	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW6010B	Copper	33.2	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW6010B	Lead	13.8	J	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW6010B	Zinc	67	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Chromium	14.2	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Copper	51.2	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	19.6	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Zinc	160	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW6010B	Chromium	18.9	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW6010B	Copper	36.9	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW6010B	Lead	13.9	J	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW6010B	Zinc	73.5	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Chromium	11.2	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Copper	8.6	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	14.4	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Zinc	32.8	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW6010B	Chromium	16.1	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW6010B	Copper	24.8	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW6010B	Lead	11.7	J	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW6010B	Zinc	51.8	J	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Chromium	21	J	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Copper	7.2	J	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Lead	11.6	J	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW6010B	Zinc	42.2	J	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW7471A	Mercury	0.016	J	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW7471A	Mercury	0.025	J	mg/Kg

Table 4-9 Soil MS/MSD Recovery Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	SW7471A	Mercury	0.023	J	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW7471A	Mercury	0.039	J	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW7471A	Mercury	0.022	J	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW7471A	Mercury	0.032	J	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	SW7471A	Mercury	ND	UJ	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW7471A	Mercury	0.04	J	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW7471A	Mercury	0.028	J	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW7471A	Mercury	0.022	J	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW7471A	Mercury	0.028	J	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW7471A	Mercury	0.032	J	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW7471A	Mercury	0.026	J	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	SW7471A	Mercury	ND	UJ	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW7471A	Mercury	0.024	J	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	SW7471A	Mercury	0.04	J	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	SW7471A	Mercury	0.035	J	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	SW7471A	Mercury	0.046	J	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW7471A	Mercury	0.018	J	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW7471A	Mercury	0.76	J	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8260B	1,2,3-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8260B	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8260B	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8260B	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8260B	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8260B	Chlorobenzene	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8260B	Ethylbenzene	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8260B	Isopropylbenzene (Cumene)	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8260B	Methyl Acetate	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8260B	Methylcyclohexane	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8260B	Tetrachloroethene (PCE)	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8260B	Trichloroethene (TCE)	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8260B	Xylenes, Total	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	1,1-Dichloroethane	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	1,1-Dichloroethene	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	1,2,3-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	Benzene	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	Bromochloromethane	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	Carbon tetrachloride	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	Chlorobenzene	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	Chloroform	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	Cyclohexane	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	Ethylbenzene	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	Isopropylbenzene (Cumene)	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	Methylcyclohexane	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	Styrene	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	Tetrachloroethene (PCE)	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	Toluene	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	trans-1,3-Dichloropropene	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	Trichloroethene (TCE)	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8260B	Xylenes, Total	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Chlorobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Cyclohexane	22	J	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Methylcyclohexane	38	J	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Styrene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Tetrachloroethene (PCE)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Trichloroethene (TCE)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Xylenes, Total	12	J	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzoic acid	-	R	ug/Kg

Table 4-9 Soil MS/MSD Recovery Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample
J = estimated value
mg/Kg = milligram per kilogram
N1 = normal field sample
ND = nondetect
R = rejected data point
UJ = estimated nondetect
ug/Kg = micrograms per kilogram

Table 4-10 Soil Laboratory Blank Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8260B	Toluene	ND	U	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8260B	Toluene	ND	U	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8260B	Toluene	ND	U	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	SW8260B	Toluene	ND	U	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	SW8260B	Toluene	ND	U	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8260B	Toluene	ND	U	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Toluene	ND	U	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Acetone	ND	U	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample
N1 = normal field sample
ND = nondetect
ug/Kg = micrograms per kilogram

Table 4-11 Soil Internal Standard Area Count Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,2,4-Trichlorobenzene	0.74	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Benzene	3.6	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Chloromethane	1.2	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Ethylbenzene	2.4	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Toluene	8	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	2-Hexanone	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Carbon Disulfide	16	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,1,1-Trichloroethane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,1,2,2-Tetrachloroethane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,1,2-Trichloroethane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,1-Dichloroethane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,1-Dichloroethene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,2,3-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,2-Dibromo-3-chloropropane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,2-Dibromoethane (EDB)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,2-Dichloroethane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,2-Dichloropropane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Acetone	110	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Bromochloromethane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Bromodichloromethane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Bromoform	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Bromomethane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Carbon tetrachloride	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Chlorobenzene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Chloroethane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Chloroform	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Cyclohexane	15	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Dibromochloromethane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Dichlorodifluoromethane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Isopropylbenzene (Cumene)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Methyl Acetate	14	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Methylcyclohexane	19	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Methylene Chloride	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Styrene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Tetrachloroethene (PCE)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Trichloroethene (TCE)	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Trichlorofluoromethane	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Vinyl chloride	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Xylenes, Total	12	J	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	cis-1,2-Dichloroethene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	cis-1,3-Dichloropropene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	trans-1,2-Dichloroethene	ND	UJ	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	SW8260B	trans-1,3-Dichloropropene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8260B	1,2,3-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8260B	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8260B	1,2-Dibromo-3-chloropropane	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8260B	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	SW8260B	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,2,3-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,2-Dibromo-3-chloropropane	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	SW8260B	1,4-Dichlorobenzene	ND	UJ	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

J = estimated value
N1 = normal field sample
ND = nondetect
UJ = estimated nondetect
ug/Kg = micrograms per kilogram

Table 4-12 Soil Surrogate Standard Recovery Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg

Table 4-12 Soil Surrogate Standard Recovery Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg

Table 4-12 Soil Surrogate Standard Recovery Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg

Table 4-12 Soil Surrogate Standard Recovery Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg

Table 4-12 Soil Surrogate Standard Recovery Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg

Table 4-12 Soil Surrogate Standard Recovery Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg

Table 4-12 Soil Surrogate Standard Recovery Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	SW8260B	Xylenes, Total	180	J	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	SW8270C	Phenol	45	J	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample

J = estimated value

N1 = normal field sample

ND = nondetect

UJ = estimated nondetect

ug/Kg = micrograms per kilogram

Table 4-13 Sediment Field Duplicate RPD Noncompliances							
Location	Sample ID	Analyte	Date Sampled	Native Sample Result	Duplicate Sample Result	Units	RPD
AA1-SB28	PBOW-07-SD-AA1-SD04-A	PCB-1254 (Aroclor 1254)	5/24/2007	25	130	ug/Kg	135
AA1-SB35	PBOW-07-SD-AA1-SD04-A	PCB-1260 (Aroclor 1260)	5/24/2007	64	300	ug/Kg	130

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

RPD = relative percent difference

ug/Kg = micrograms per kilogram

Table 4-14 Sediment LCS/LCSD RPD Noncompliances								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

N1 = normal field sample
ND = nondetect
UJ = estimated nondetect
ug/Kg = micrograms per kilogram

Table 4-15 Sediment MS/MSD RPD Noncompliances								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW6010B	Manganese	257	J	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW6010B	Manganese	18.9	J	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW6010B	Manganese	409	J	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW6010B	Manganese	508	J	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW6010B	Manganese	721	J	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW6010B	Manganese	109	J	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW6010B	Manganese	77.1	J	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW6010B	Manganese	159	J	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW6010B	Manganese	210	J	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW6010B	Manganese	781	J	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW6010B	Manganese	662	J	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2008	SW6010B	Manganese	77.2	J	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW6010B	Manganese	563	J	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW6010B	Manganese	638	J	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	SW6010B	Manganese	267	J	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW6010B	Manganese	362	J	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	SW6010B	Manganese	106	J	mg/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample
J = estimated value
mg/Kg = milligram per kilogram
N1 = normal field sample

Table 4-16 Sediment Field Blank Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8260B	Toluene	ND	U	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

N1 = normal field sample

ND = nondetect

U = nondetect

ug/Kg = micrograms per kilogram

Table 4-17 Hold Time Exceedance Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg

Table 4-17 Hold Time Exceedance Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	N-Nitroso-di-n-propylamine	620	J	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg

Table 4-17 Hold Time Exceedance Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg

Table 4-17 Hold Time Exceedance Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg

Table 4-17 Hold Time Exceedance Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg

Table 4-17 Hold Time Exceedance Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg

Table 4-17 Hold Time Exceedance Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg

Table 4-17 Hold Time Exceedance Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg

Table 4-17 Hold Time Exceedance Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg

Table 4-17 Hold Time Exceedance Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	2,4-Dinitrotoluene	460	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg

Table 4-17 Hold Time Exceedance Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg

Table 4-17 Hold Time Exceedance Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Phenol	ND	UJ	ug/Kg

Table 4-17 Hold Time Exceedance Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Fluoranthene	540	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Pyrene	540	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Pyrene	220	J	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Pyrene	65	J	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Pyrene	290	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Pyrene	450	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Pyrene	200	J	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Benzo(a)anthracene	130	J	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Benzo(a)pyrene	130	J	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Benzo(b)fluoranthene	100	J	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Benzo(k)fluoranthene	140	J	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Chrysene	140	J	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Fluoranthene	230	J	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Phenanthrene	90	J	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	bis(2-Ethylhexyl)phthalate	50	J	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Benzo(b)fluoranthene	100	J	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Benzo(k)fluoranthene	92	J	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Chrysene	62	J	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	2,4-Dinitrotoluene	93	J	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Benzo(a)anthracene	210	J	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Benzo(a)pyrene	190	J	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Benzo(b)fluoranthene	240	J	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Benzo(k)fluoranthene	270	J	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Chrysene	260	J	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Fluoranthene	330	J	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Indeno(1,2,3-cd)pyrene	240	J	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Phenanthrene	110	J	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Benzo(b)fluoranthene	59	J	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Benzo(k)fluoranthene	68	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Benzo(a)anthracene	97	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Benzo(a)pyrene	91	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Benzo(b)fluoranthene	68	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Benzo(k)fluoranthene	93	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Chrysene	100	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Fluoranthene	190	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Phenanthrene	100	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Pyrene	160	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	bis(2-Ethylhexyl)phthalate	56	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	3-Methylphenol	270	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	4-Methylphenol (p-Cresol)	270	J	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	2-Methylnaphthalene	280	J	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Anthracene	61	J	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Benzo(a)anthracene	150	J	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Benzo(b)fluoranthene	120	J	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Benzo(k)fluoranthene	140	J	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Chrysene	180	J	ug/Kg

Table 4-17 Hold Time Exceedance Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Dibenzofuran	91	J	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Fluoranthene	280	J	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Naphthalene	210	J	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Phenanthrene	310	J	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Pyrene	260	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Benzo(a)anthracene	230	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Benzo(b)fluoranthene	390	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Benzo(k)fluoranthene	380	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Chrysene	380	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Fluoranthene	500	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Phenanthrene	170	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Benzo(a)anthracene	170	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Benzo(a)pyrene	180	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Benzo(b)fluoranthene	260	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Benzo(k)fluoranthene	180	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Chrysene	210	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Fluoranthene	300	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Phenanthrene	99	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Pyrene	300	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	bis(2-Ethylhexyl)phthalate	54	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Benzo(a)anthracene	110	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Benzo(b)fluoranthene	110	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Benzo(k)fluoranthene	90	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Chrysene	120	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Fluoranthene	200	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Phenanthrene	92	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Benzo(a)anthracene	290	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Benzo(a)pyrene	310	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Benzo(b)fluoranthene	400	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Benzo(k)fluoranthene	360	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Chrysene	400	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Indeno(1,2,3-cd)pyrene	360	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Phenanthrene	200	J	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Benzo(b)fluoranthene	67	J	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Fluoranthene	100	J	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Phenanthrene	46	J	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Pyrene	130	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg

Table 4-17 Hold Time Exceedance Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Phenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample
J = estimated result
N1 = normal field sample
ND = nondetect
UJ = estimated nondetect
ug/Kg = micrograms per kilogram

Table 4-18 Sediment Continuing Calibration Verification Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8260B	Acetone	250	J	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Pyrene	220	J	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8270C	Pyrene	65	J	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Pyrene	290	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Pyrene	450	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Pyrene	200	J	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample
J = estimated result
N1 = normal field sample
ND = nondetect
UJ = estimated nondetect
ug/Kg = micrograms per kilogram

Table 4-19 Sediment Initial Calibration Verification Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8260B	Carbon Disulfide	2.6	J	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8260B	Carbon Disulfide	4.8	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8260B	Carbon Disulfide	5.1	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8260B	Carbon Disulfide	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8260B	Carbon Disulfide	30	J	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8260B	Carbon Disulfide	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8260B	Carbon Disulfide	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8260B	Carbon Disulfide	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8260B	Carbon Disulfide	5.7	J	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8260B	Carbon Disulfide	11	J	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW8260B	Carbon Disulfide	17	J	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	Carbon Disulfide	ND	UJ	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	SW8260B	Carbon Disulfide	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample
J = estimated result
N1 = normal field sample
ND = nondetect
UJ = estimated nondetect
ug/Kg = micrograms per kilogram

Table 4-20 Sediment MS/MSD Recovery Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW6010B	Chromium	16.8	J	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW6010B	Copper	51.7	J	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW6010B	Zinc	286	J	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW6010B	Copper	35	J	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW6010B	Zinc	122	J	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW6010B	Barium	84	J	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW6010B	Chromium	16.7	J	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW6010B	Copper	20	J	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW6010B	Potassium	1460	J	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW6010B	Barium	57.3	J	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW6010B	Chromium	15.3	J	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW6010B	Copper	18	J	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW6010B	Vanadium	25.7	J	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW6010B	Barium	63.5	J	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW6010B	Chromium	19.6	J	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW6010B	Copper	21.8	J	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW6010B	Zinc	58.7	J	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW6010B	Barium	90	J	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW6010B	Chromium	16.1	J	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW6010B	Copper	14.5	J	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW6010B	Potassium	1560	J	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW6010B	Barium	68.9	J	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW6010B	Chromium	11.3	J	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW6010B	Copper	12.5	J	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW6010B	Zinc	48	J	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW6010B	Chromium	12.6	J	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW6010B	Copper	12.2	J	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW6010B	Zinc	60.3	J	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW6010B	Barium	105	J	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW6010B	Chromium	34.4	J	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW6010B	Copper	27.7	J	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW6010B	Zinc	234	J	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW6010B	Barium	54.2	J	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW6010B	Chromium	15.9	J	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW6010B	Copper	17.9	J	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW6010B	Zinc	53	J	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW6010B	Chromium	14.8	J	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW6010B	Copper	16.6	J	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW6010B	Zinc	50.1	J	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW6010B	Barium	103	J	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW6010B	Chromium	23.7	J	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW6010B	Copper	32.2	J	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW6010B	Zinc	83.6	J	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW6010B	Chromium	18.4	J	mg/Kg

Table 4-20 Sediment MS/MSD Recovery Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW6010B	Copper	21	J	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	SW6010B	Chromium	10.7	J	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	SW6010B	Copper	9.8	J	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW6010B	Barium	69.3	J	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW6010B	Chromium	18.5	J	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW6010B	Copper	11.4	J	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8270C	Hexachlorocyclopentadiene	-	R	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	1,1,1-Trichloroethane	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	1,1-Dichloroethane	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	1,1-Dichloroethene	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	Benzene	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	Bromochloromethane	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	Carbon tetrachloride	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	Chlorobenzene	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	Cyclohexane	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	Methyl Acetate	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	Methylcyclohexane	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	Styrene	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	Tetrachloroethene (PCE)	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	Toluene	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	Trichloroethene (TCE)	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	Vinyl chloride	ND	UJ	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	Xylenes, Total	ND	UJ	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	SW6010B	Antimony	ND	UJ	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	SW6010B	Barium	68.9	J	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	SW6010B	Chromium	19.8	J	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	SW6010B	Copper	18	J	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW6010B	Zinc	87.3	J	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	SW6010B	Zinc	40.2	J	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW6010B	Zinc	46.1	J	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	SW6010B	Zinc	124	J	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW6010B	Barium	47.5	J	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW6010B	Potassium	1780	J	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW6010B	Barium	4.4	J	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW6010B	Chromium	2	J	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW6010B	Barium	48	J	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW6010B	Barium	48.6	J	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	SW6010B	Barium	68.7	J	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	SW6010B	Beryllium	0.36	J	mg/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample
J = estimated result
mg/Kg = milligram per kilogram
N1 = normal field sample
ND = nondetect
R = rejected data point
UJ = estimated nondetect
ug/Kg = micrograms per kilogram

Table 4-21 Sediment Method Blank Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	SW8260B	Carbon Disulfide	ND	U	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	SW8260B	Carbon Disulfide	ND	U	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	SW8260B	Carbon Disulfide	ND	U	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	SW8260B	Carbon Disulfide	ND	U	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	SW8260B	Acetone	ND	U	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample
N1 = normal field sample
ND = nondetect
U = nondetect
UJ = estimated nondetect
ug/Kg = micrograms per kilogram

Table 4-22 Internal Standard Area Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8260B	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8260B	1,2-Dibromo-3-chloropropane	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8260B	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8260B	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	1,2-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	1,2-Diphenylhydrazine	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	1,3-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	1,4-Dichlorobenzene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2,4-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2,6-Dinitrotoluene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2-Chloronaphthalene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2-Methylnaphthalene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2-Nitroaniline	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	3-Methylphenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	3-Nitroaniline	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	4-Chloroaniline	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	4-Nitroaniline	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Acenaphthene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Acenaphthylene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Anthracene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Benzoic acid	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Carbazole	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Chrysene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Di-n-butylphthalate	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Dibenzofuran	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Diethylphthalate	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Dimethylphthalate	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Fluoranthene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Fluorene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Hexachlorobenzene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Hexachlorobutadiene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Hexachloroethane	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Isophorone	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	N-Nitrosodiphenylamine	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Naphthalene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Nitrobenzene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Phenanthrene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Phenol	ND	UJ	ug/Kg

Table 4-22 Internal Standard Area Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	Pyrene	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

N1 = normal field sample
ND = nondetect
UJ = estimated nondetect
ug/Kg = micrograms per kilogram

Table 4-23 Surrogate Standard Recovery Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Fluoranthene	540	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Pyrene	540	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Pyrene	450	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Pyrene	200	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Benzo(a)anthracene	230	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Benzo(b)fluoranthene	390	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Benzo(k)fluoranthene	380	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Chrysene	380	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Fluoranthene	500	J	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	SW8270C	Phenanthrene	170	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Benzo(a)anthracene	170	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Benzo(a)pyrene	180	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Benzo(b)fluoranthene	260	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Benzo(k)fluoranthene	180	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Chrysene	210	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Fluoranthene	300	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Phenanthrene	99	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	Pyrene	300	J	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	SW8270C	bis(2-Ethylhexyl)phthalate	54	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Benzo(a)anthracene	110	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Benzo(b)fluoranthene	110	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Benzo(k)fluoranthene	90	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Chrysene	120	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Fluoranthene	200	J	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	SW8270C	Phenanthrene	92	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Benzo(a)anthracene	290	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Benzo(a)pyrene	310	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Benzo(b)fluoranthene	400	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Benzo(k)fluoranthene	360	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Chrysene	400	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Indeno(1,2,3-cd)pyrene	360	J	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	SW8270C	Phenanthrene	200	J	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Benzo(b)fluoranthene	67	J	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Fluoranthene	100	J	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Phenanthrene	46	J	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	SW8270C	Pyrene	130	J	ug/Kg

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

J = estimated result

N1 = normal field sample

ug/Kg = micrograms per kilogram

Table 4-24 Surface Water Field Duplicate RPD Noncompliances							
Location	Sample_ID	Analyte	Date Sampled	Native Sample Result	Duplicate Sample Result	Units	RPD
AA1-SW07	PBOW-07-SW-AA1-SW07-A	Iron	5/22/2007	1180	463	ug/L	87
AA1-SW07	PBOW-07-SW-AA1-SW07-A	Lead	5/22/2007	6.3	ND	ug/L	200
AA1-SW07	PBOW-07-SW-AA1-SW07-A	Manganese	5/22/2007	626	312	ug/L	67

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

ND = nondetect

RPD = relative percent difference

ug/L = micrograms per liter

Table 4-25 Surface Water MS/MSD RPD Noncompliances

Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualification	Units
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	Phenol	ND	UJ	ug/L

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

N1 = normal field sample
ND = nondetect
ug/L = micrograms per liter
UJ = estimated nondetect

Table 4-26 Surface Water Second Column Confirmation RPD Noncompliances

Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualification	Units
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8330	2-Amino-4,6-Dinitrotoluene	0.24	J	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8330	RDX	0.081	J	ug/L

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

J = estimated value

N1 = normal field sample

ug/L = micrograms per liter

Table 4-27 Surface Water Field Blank Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualification	Units
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8260B	Toluene	ND	U	ug/L

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

N1 = normal field sample

ND = nondetect

U = nondetect

ug/L = micrograms per liter

Table 4-28 Surface Water Continuing Calibration Verification Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualification	Units
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	SW6010B	Zinc	7	J	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW6010B	Zinc	8.7	J	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	SW6010B	Zinc	10.6	J	ug/L

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample
J = estimated result
N1 = normal field sample
ND = nondetect
ug/L = micrograms per liter
UJ = estimated nondetect

Table 4-29 Surface Water MS/MSD Recovery Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualification	Units
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	2,4,6-Trichlorophenol	-	R	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	2,4-Dinitrophenol	-	R	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	4,6-Dinitro-2-methylphenol	-	R	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	4-Nitrophenol	-	R	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	Benzoic acid	-	R	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	Pentachlorophenol	-	R	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	Hexachlorocyclopentadiene	ND	UJ	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	SW8270C	Phenol	ND	UJ	ug/L

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

N1 = normal field sample
ND = nondetect
R = rejected data point
ug/L = micrograms per liter
UJ = estimated nondetect

Table 4-30 Surface Water Method Blank Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualification	Units
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8330	3-Nitrotoluene	ND	U	ug/L

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

J = estimated result
ND = nondetect
U = nondetect
ug/L = micrograms per liter
UJ = estimated nondetect

Table 4-31 Surface Water Surrogate Recovery Outlier Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualification	Units
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	3-Methylphenol	13	UJ	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	4-Methylphenol (p-Cresol)	13	J	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	Isophorone	ND	UJ	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	Phenol	ND	UJ	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	2,4,5-Trichlorophenol	-	R	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	2,4,6-Trichlorophenol	-	R	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	2,4-Dichlorophenol	-	R	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	2,4-Dimethylphenol	-	R	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	2,4-Dinitrophenol	-	R	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	2-Chlorophenol	-	R	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	2-Methylphenol (o-Cresol)	-	R	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	2-Nitrophenol	-	R	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	3-Methylphenol	-	R	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	4,6-Dinitro-2-methylphenol	-	R	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	4-Chloro-3-methylphenol	-	R	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	4-Methylphenol (p-Cresol)	-	R	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	4-Nitrophenol	-	R	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	Benzoic acid	-	R	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	Benzyl alcohol	-	R	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	Isophorone	-	R	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	Pentachlorophenol	-	R	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	SW8270C	Phenol	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	2,4,5-Trichlorophenol	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	2,4,6-Trichlorophenol	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	2,4-Dichlorophenol	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	2,4-Dimethylphenol	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	2,4-Dinitrophenol	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	2-Chlorophenol	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	2-Methylphenol (o-Cresol)	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	2-Nitrophenol	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	3-Methylphenol	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	4,6-Dinitro-2-methylphenol	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	4-Chloro-3-methylphenol	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	4-Methylphenol (p-Cresol)	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	4-Nitrophenol	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	Benzoic acid	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	Benzyl alcohol	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	Isophorone	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	Pentachlorophenol	-	R	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	SW8270C	Phenol	-	R	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	2,4,5-Trichlorophenol	-	R	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	2,4,6-Trichlorophenol	-	R	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	2,4-Dichlorophenol	-	R	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	2,4-Dimethylphenol	-	R	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	2,4-Dinitrophenol	-	R	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	2-Chlorophenol	-	R	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	2-Methylphenol (o-Cresol)	-	R	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	2-Nitrophenol	-	R	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	3-Methylphenol	-	R	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	4,6-Dinitro-2-methylphenol	-	R	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	4-Methylphenol (p-Cresol)	-	R	ug/L

Table 4-31 Surface Water Surrogate Recovery Outlier Qualifications								
Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualification	Units
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	4-Nitrophenol	-	R	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	Benzoic acid	-	R	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	Benzyl alcohol	-	R	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	Isophorone	-	R	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	Pentachlorophenol	-	R	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	SW8270C	Phenol	-	R	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	2,4,5-Trichlorophenol	-	R	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	2,4,6-Trichlorophenol	-	R	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	2,4-Dichlorophenol	-	R	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	2,4-Dimethylphenol	-	R	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	2,4-Dinitrophenol	-	R	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	2-Chlorophenol	-	R	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	2-Nitrophenol	-	R	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	3-Methylphenol	18	J	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	4,6-Dinitro-2-methylphenol	-	R	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	4-Chloro-3-methylphenol	-	R	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	4-Methylphenol (p-Cresol)	18	J	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	4-Nitrophenol	-	R	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	Benzoic acid	-	R	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	Benzyl alcohol	-	R	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	Isophorone	-	R	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	Pentachlorophenol	-	R	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	2,4,5-Trichlorophenol	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	2,4,6-Trichlorophenol	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	2,4-Dichlorophenol	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	2,4-Dimethylphenol	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	2-Chlorophenol	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	2-Nitrophenol	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	3-Methylphenol	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	4-Chloro-3-methylphenol	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	4-Nitrophenol	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	Benzoic acid	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	Benzyl alcohol	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	Isophorone	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	Pentachlorophenol	ND	UJ	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	SW8270C	Phenol	ND	UJ	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	Benzoic acid	3.7	J	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	SW8270C	Benzyl alcohol	2.3	J	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	2-Methylphenol (o-Cresol)	0.95	J	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	SW8270C	Phenol	0.65	J	ug/L

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

N1 = normal field sample
ND = nondetect
R = rejected data point
ug/L = micrograms per liter
UJ = estimated nondetect

Table 4-32 Groundwater Field Duplicate RPD Noncompliances							
Location	Sample ID	Analyte	Date Sampled	Native Sample Result	Duplicate Sample Result	Units	RPD.
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A//D	Iron (Total)	11/9/2007	398	1030	ug/L	89
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A//D	Cyanide	11/9/2007	1100	88.1	ug/L	170
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A//D	2-Methylnaphthalene	11/9/2007	390	190	ug/L	69
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A//D	2,6-Dinitrotoluene	11/9/2007	1.7	0.4	ug/L	76

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

ND = nondetect

ug/L = micrograms per liter

Table 4-33 Groundwater LCS/LCSD RPD Noncompliances

Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8260B	Bromomethane	ND	UJ	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	SW8260B	Bromomethane	ND	UJ	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	SW8260B	Bromomethane	ND	UJ	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	SW8260B	Bromomethane	ND	UJ	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	SW8260B	Bromomethane	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8260B	Bromomethane	ND	UJ	ug/L

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample
N1 = normal field sample
ug/L = micrograms per liter
UJ = estimated nondetect

Table 4-34 Groundwater Second Column Confirmation RPD Noncompliances

Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	SW8330	3-Nitrotoluene	0.82	J	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	SW8330	RDX	0.64	J	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	SW8330	2,6-Dinitrotoluene	1.7	J	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	SW8330	Nitrobenzene	0.52	J	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	SW8330	RDX	5.5	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	1,3,5-Trinitrobenzene	3.9	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	RDX	2.9	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	1,3,5-Trinitrobenzene	3.6	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	2-Amino-4,6-Dinitrotoluene	0.89	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	RDX	3.3	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	2,6-Dinitrotoluene	0.4	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	1,3-Dinitrobenzene	0.18	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	2-Nitrotoluene	0.087	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	HMX	0.25	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	Nitrobenzene	0.18	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	HMX	0.17	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	Nitrobenzene	0.3	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	Tetryl	0.11	J	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8330	3-Nitrotoluene	0.14	J	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8330	4-Amino-2,6-Dinitrotoluene	0.082	J	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8330	3-Nitrotoluene	0.28	J	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW8330	2,6-Dinitrotoluene	0.21	J	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8330	3-Nitrotoluene	0.18	J	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8330	4-Nitrotoluene	0.15	J	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8330	RDX	0.14	J	ug/L

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample
J = estimated value
N1 = normal field sample
ug/L = micrograms per liter

Table 4-35 Groundwater Hold Time Qualifications

Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	E300.0	Chloride (as Cl)	523	J	mg/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	SM2320B	Alkalinity, Total (as CaCO3)	168	J	mg/L

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

J = estimated value
mg/L = milligram per liter
N1 = normal field sample

Table 4-36 Groundwater Continuing Calibration Verification Qualifications

Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	SW8270C	2,4-Dinitrophenol	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8330	Tetryl	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8330	Tetryl	ND	UJ	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW8260B	Acetone	18	J	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	SW8260B	Acetone	6.2	J	ug/L

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

J = estimated value
N1 = normal field sample
ug/L = micrograms per liter
UJ = estimated nondetect

Table 4-37 Groundwater LCS/LCSD Recovery Qualifications

Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/L

Table 4-37 Groundwater LCS/LCSD Recovery Qualifications

Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/L

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample
N1 = normal field sample
ND = nondetect
ug/L = micrograms per liter
UJ = estimated nondetect

Table 4-38 Groundwater MS/MSD Recovery Qualifications

Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8270C	N-Nitrosodimethylamine	ND	UJ	ug/L

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

N1 = normal field sample
ND = nondetect
ug/L = micrograms per liter
UJ = estimated nondetect

Table 4-39 Groundwater Method Blank Qualifcations

Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	SW8260B	Methylene Chloride	ND	U	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8260B	Methylene Chloride	ND	U	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	SW8260B	Methylene Chloride	ND	U	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	SW8260B	Methylene Chloride	ND	U	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	SW8260B	Methylene Chloride	ND	U	ug/L

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

N1 = normal field sample
ND = nondetect
ug/L = micrograms per liter
U = nondetect

Table 4-40 Groundwater Negative Blank Qualifcations

Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW6010B	Copper	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW6010B	Copper (total)	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW6010B	Copper	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW6010B	Copper (total)	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW6010B	Copper	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW6010B	Copper (total)	ND	UJ	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW6010B	Copper	ND	UJ	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW6010B	Copper (total)	ND	UJ	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	SW6010B	Copper	ND	UJ	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	SW6010B	Copper (total)	ND	UJ	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	SW6010B	Copper	ND	UJ	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	SW6010B	Copper (total)	ND	UJ	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	SW6010B	Copper	ND	UJ	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	SW6010B	Copper (total)	ND	UJ	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	SW6010B	Copper (total)	ND	UJ	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	SW6010B	Copper	ND	UJ	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	SW6010B	Copper (total)	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW6010B	Copper	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW6010B	Copper (total)	ND	UJ	ug/L

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

N1 = normal field sample
ND = nondetect
ug/L = micrograms per liter
UJ = estimated nondetect

Table 4-41 Groundwater Internal Standard Area Count Qualifcations

Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8270C	bis(2-Ethylhexyl)phthalate	2	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8270C	Chrysene	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8270C	Pyrene	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8270C	Benzo(a)pyrene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8270C	Benzo(b)fluoranthene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8270C	Benzo(g,h,i)perylene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8270C	Benzo(k)fluoranthene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8270C	Di-n-octylphthalate	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8270C	Dibenz(a,h)anthracene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8270C	Benzo(a)anthracene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8270C	Butylbenzylphthalate	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8270C	Chrysene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8270C	Pyrene	ND	UJ	ug/L

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

J = estimated value
N1 = normal field sample
ND = nondetect
ug/L = micrograms per liter
UJ = estimated nondetect

Table 4-42 Groundwater Surrogate Standard Recovery Qualifcations

Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	2,4,6-Trinitrotoluene	2.8	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	2-Amino-4,6-Dinitrotoluene	0.96	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	Tetryl	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	2,4,6-Trinitrotoluene	2.6	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8330	HMX	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8330	Nitrobenzene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8330	RDX	ND	UJ	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8330	Tetryl	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8330	2-Nitrotoluene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8330	4-Nitrotoluene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8330	HMX	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8330	Nitrobenzene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8330	RDX	ND	UJ	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW8330	3-Nitrotoluene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW8330	HMX	ND	UJ	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW8330	Nitrobenzene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW8330	RDX	ND	UJ	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW8330	Tetryl	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8330	2-Nitrotoluene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8330	3-Nitrotoluene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8330	HMX	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8330	Nitrobenzene	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8330	Tetryl	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/L

Table 4-42 Groundwater Surrogate Standard Recovery Qualifcations

Location	Sample ID	Sample Type	Date Sampled	Analysis	Analyte	Result	Qualifier	Units
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8330	2-Nitrotoluene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8330	4-Nitrotoluene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8330	HMX	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8330	Nitrobenzene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8330	RDX	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8330	Tetryl	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8330	1,3,5-Trinitrobenzene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8330	1,3-Dinitrobenzene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8330	2,4,6-Trinitrotoluene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8330	2,4-Dinitrotoluene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8330	2,6-Dinitrotoluene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8330	2-Nitrotoluene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8330	3-Nitrotoluene	0.54	J	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8330	4-Nitrotoluene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8330	HMX	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8330	Nitrobenzene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8330	RDX	ND	UJ	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	2,6-Dinitrotoluene	1.7	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	1,3,5-Trinitrobenzene	3.9	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	RDX	2.9	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	1,3,5-Trinitrobenzene	3.6	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	2-Amino-4,6-Dinitrotoluene	0.89	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	RDX	3.3	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	2,6-Dinitrotoluene	0.4	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	1,3-Dinitrobenzene	0.18	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	2-Nitrotoluene	0.087	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	HMX	0.25	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	SW8330	Nitrobenzene	0.18	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	HMX	0.17	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	Nitrobenzene	0.3	J	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	SW8330	Tetryl	0.11	J	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8330	3-Nitrotoluene	0.14	J	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	SW8330	4-Amino-2,6-Dinitrotoluene	0.082	J	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8330	3-Nitrotoluene	0.28	J	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	SW8330	2,6-Dinitrotoluene	0.21	J	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	SW8330	3-Nitrotoluene	0.18	J	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	SW8330	Tetryl	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	SW8330	Tetryl	ND	UJ	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8330	4-Nitrotoluene	0.15	J	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	SW8330	RDX	0.14	J	ug/L

Data Source: Jacobs, 8 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample
J = estimated value
N1 = normal field sample
ND = nondetect
ug/L = micrograms per liter
UJ = estimated nondetect

ATTACHMENT 1

SAMPLE INFORMATION TABLES

Plum Brook Acid Area 1 Sample Summary

Location	Site	Sample Number	Sample Type	Date Sampled	Depth (FT)	Volatile	Semi Volatile	PCBs	Explosives	Metal	Wet Chemistry
AA1-SB16	AA1	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	0.50 - 1.50	X	X	x	X	X	
AA1-SB16	AA1	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	3.00 - 5.00	X	X		X	X	
AA1-SB16	AA1	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	3.00 - 5.00	X	X		X	X	
AA1-SB18	AA1	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB18	AA1	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	3.00 - 5.00	X	X	X	X	X	
AA1-SB19	AA1	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB19	AA1	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	3.00 - 5.00	X	X	X	X	X	
AA1-SB21	AA1	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB22	AA1	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB23	AA1	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB23	AA1	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	3.00 - 5.00	X	X	X	X	X	
AA1-SB24	AA1	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB24	AA1	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	3.00 - 5.00	X	X	X	X	X	
AA1-SB17	AA1	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB17	AA1	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	3.00 - 5.00	X	X	X	X	X	
AA1-SB20	AA1	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB20	AA1	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	3.00 - 5.00	X	X	X	X	X	
AA1-SB20	AA1	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	3.00 - 5.00	X	X	X	X	X	
AA1-SB25	AA1	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	0.50 - 5.00	X	X	X	X	X	
AA1-SB25	AA1	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	8.00 - 10.00	X	X	X	X	X	
AA1-SB26	AA1	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB26	AA1	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	3.00 - 5.00	X	X	X	X	X	
AA1-SB27	AA1	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB27	AA1	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	3.00 - 5.00	X	X	X	X	X	
AA1-SB28	AA1	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB28	AA1	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB28	AA1	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	8.00 - 10.00	X	X	X	X	X	
AA1-SB29	AA1	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB29	AA1	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	3.00 - 5.00	X	X	X	X	X	
AA1-SB30	AA1	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB30	AA1	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB30	AA1	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	3.00 - 5.00	X	X	X	X	X	
AA1-SB30	AA1	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	3.00 - 5.00	X	X	X	X	X	
AA1-SB31	AA1	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB31	AA1	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	3.00 - 5.00	X	X	X	X	X	
AA1-SB32	AA1	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB32	AA1	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8.00 - 10.00	X	X	X	X	X	
AA1-SB33	AA1	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB33	AA1	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	8.00 - 10.00	X	X	X	X	X	
AA1-SB34	AA1	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB34	AA1	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	3.00 - 5.00	X	X	X	X	X	
AA1-SB35	AA1	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB35	AA1	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	3.00 - 5.00	X	X	X	X	X	
AA1-SB35	AA1	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	3.00 - 5.00	X	X	X	X	X	

Plum Brook Acid Area 1 Sample Summary

Location	Site	Sample Number	Sample Type	Date Sampled	Depth (FT)	Volatile	Semi Volatile	PCBs	Explosives	Metal	Wet Chemistry
AA1-SB36	AA1	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB36	AA1	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	8.00 - 10.00	X	X	X	X	X	
AA1-SB37	AA1	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SB37	AA1	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	8.00 - 10.00	X	X	X	X	X	
AA1-SB38	AA1	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	0.50 - 1.50	X	X	X	X	X	
AA1-SW01	AA1	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SW04	AA1	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SW05	AA1	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SW08	AA1	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SW09	AA1	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SW10	AA1	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SW14	AA1	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SW02	AA1	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SW02	AA1	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SW03	AA1	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SW07	AA1	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SW07	AA1	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SW11	AA1	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SW12	AA1	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SD01	AA1	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SD02	AA1	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SD03	AA1	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SD05	AA1	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SD06	AA1	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SD04	AA1	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SD04	AA1	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SD07	AA1	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SD08	AA1	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SD09	AA1	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SD09	AA1	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SD10	AA1	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SD11	AA1	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SD12	AA1	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SD13	AA1	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SD14	AA1	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	0.00 - 0.00	X	X	X	X	X	
AA1-SD15	AA1	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	0.00 - 0.00	X	X	X	X	X	
AA1-BED-GW004	AA1	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	0.00 - 0.00	X	X	X	X	X	X
AA1-GW002	AA1	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	0.00 - 0.00	X	X	X	X	X	X
AA1-BED-GW003	AA1	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	0.00 - 0.00	X	X	X	X	X	X
AA1-GW004	AA1	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	0.00 - 0.00	X	X	X	X	X	X
AA1-MKMW19	AA1	PBOW-07-AA1-MKMW19	N1	11/8/2007	0.00 - 0.00	X	X	X	X	X	X
AA1MNTA-BEDGW001	AA1	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	0.00 - 0.00	X	X	X	X	X	X
AA1-BED-GW001	AA1	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	0.00 - 0.00	X	X	X	X	X	X
AA1-BED-GW[illegible]	AA1	PBOW-07-GW-AA1-BED-GW001-D	FD1	[illegible]/2007	0.00 - 0.00	X	X	X	X	X	X

Plum Brook Acid Area 1 Sample Summary

Location	Site	Sample Number	Sample Type	Date Sampled	Depth (FT)	Volatile	Semi Volatile	PCBs	Explosives	Metal	Wet Chemistry
AA1-GW003	AA1	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	0.00 - 0.00	X	X	X	X	X	X
AA1-BED-GW002	AA1	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	0.00 - 0.00	X	X	X	X	X	X
AA1-BED-GW003	AA1	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	0.00 - 0.00	X	X	X	X	X	
AA1-BED-GW003	AA1	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/4/2008	0.00 - 0.00						X
AA1-GW004	AA1	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	0.00 - 0.00	X	X	X	X	X	X
AA1-MKMW19	AA1	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	0.00 - 0.00	X	X	X	X	X	X
AA1-MKMW19	AA1	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	0.00 - 0.00	X	X	X	X	X	X
AA1MNTA-BEDGW001	AA1	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	0.00 - 0.00	X	X	X	X	X	X
AA1-BED-GW004	AA1	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	0.00 - 0.00	X	X	X	X	X	X
AA1-BED-GW001	AA1	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	0.00 - 0.00	X	X	X	X	X	X
AA1-GW002	AA1	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	0.00 - 0.00	X	X	X	X	X	X
AA1-GW003	AA1	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	0.00 - 0.00	X	X	X	X	X	X
AA1-GW005	AA1	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	0.00 - 0.00	X	X	X	X	X	X

Data Source: Jacobs, 11 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

AA1 = Acid Area 1

FD1 = field duplicate sample

N1 = sample

ATTACHMENT 2

TEST RESULT TABLES WITH REVIEW QUALIFIERS APPLIED

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	E310.1	Alkalinity, Carbonate (as CACO3)	541		1	2	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	E300	Chloride (as Cl)	3340		10	25	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW9012A	Cyanide	1100	J	12	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	E200.7	Hardness (as CACO3)	2330		2.6	10	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	E353.2	Nitrogen, Nitrate-Nitrite	ND	U	0.25	0.75	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	E300	Sulfate (as SO4)	10		2.5	5	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	E160.2	Suspended Solids (residue, Non-filterable)	102		4	4	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	E160.1	Total Dissolved Solids	7060		20	20	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW9060	Total Organic Carbon	10.8		0.5	1.5	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	E180.1	Turbidity	51.1		2	40	NTU
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8330	1,3,5-Trinitrobenzene	3.9	J	0.075	0.38	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8330	1,3-Dinitrobenzene	0.18	J	0.075	0.38	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8330	2,4,6-Trinitrotoluene	2.8	J	0.075	0.38	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	UJ	0.098	0.38	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8330	2,6-Dinitrotoluene	1.7	J	0.098	0.38	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	0.96	J	0.11	0.38	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8330	2-Nitrotoluene	0.087	J	0.075	0.38	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8330	3-Nitrotoluene	ND	UJ	0.11	0.38	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	0.075	0.38	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8330	4-Nitrotoluene	ND	UJ	0.075	0.38	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8330	HMX	0.25	J	0.075	0.38	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8330	Nitrobenzene	0.18	J	0.083	0.38	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8330	RDX	2.9	J	0.075	0.38	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8330	Tetryl	ND	UJ	0.075	0.38	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Aluminum	ND	U	75	200	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Arsenic	ND	U	3	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Barium	2780		5	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Calcium	361000		1000	4000	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Chromium	2	J	2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Cobalt	ND	U	3	12.5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Copper	ND	UJ	4	25	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Iron	44.2	J	30	100	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Lead	ND	U	1.5	3	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Magnesium	346000		500	2000	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Manganese	997		3	15	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Nickel	ND	U	3	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Potassium	83500		500	2000	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Silver	ND	U	1	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Sodium	1170000		5000	20000	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Thallium	4.3	J	3	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Vanadium	8.5	J	3	12.5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Zinc	ND	U	5	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Aluminum (total)	103	J	75	200	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Antimony (total)	ND	U	5	15	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Arsenic (total)	ND	U	3	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Barium (total)	2910		5	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Beryllium (total)	ND	U	1	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Cadmium (total)	ND	U	1	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Calcium (total)	362000		1000	4000	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Chromium (total)	2.6	J	2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Cobalt (total)	ND	U	3	12.5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Copper (total)	ND	UJ	4	25	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Iron (total)	398	J	30	100	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Lead (total)	ND	U	1.5	3	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Magnesium (total)	346000		500	2000	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Manganese (total)	1140		3	15	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Nickel (total)	ND	U	3	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Potassium (total)	86100		500	2000	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Selenium (total)	ND	U	3	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Silver (total)	ND	U	1	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Sodium (total)	1260000		5000	20000	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Thallium (total)	3.5	J	3	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Vanadium (total)	10.8	J	3	12.5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW6010B	Zinc (total)	ND	U	5	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	U	6.2	25	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	U	6.2	25	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	U	6.2	25	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	U	6.2	25	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.62	2.5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.62	2.5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.62	2.5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	1,2,4-Trichlorobenzene	ND	U	10	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	1,2-Dichlorobenzene	ND	U	20	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	20	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	1,3-Dichlorobenzene	ND	U	11	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	1,4-Dichlorobenzene	ND	U	15	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	14	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	21	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	12	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	20	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	24	710	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	2,4-Dinitrotoluene	ND	U	14	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	2,6-Dinitrotoluene	ND	U	19	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	16	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	2-Chlorophenol	ND	U	17	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	2-Methylnaphthalene	390	J	19	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	23	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	2-Nitroaniline	ND	U	34	710	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	2-Nitrophenol	ND	U	21	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	25	280	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	3-Methylphenol	ND	U	22	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	3-Nitroaniline	ND	U	30	710	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	21	710	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	16	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	16	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	4-Chloroaniline	ND	U	27	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	25	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	22	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	4-Nitroaniline	ND	U	58	710	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	4-Nitrophenol	ND	U	23	710	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Acenaphthene	ND	U	18	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Acenaphthylene	ND	U	13	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Anthracene	ND	U	22	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Benzo(a)anthracene	ND	UJ	26	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	17	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	20	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	41	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	14	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Benzoic acid	ND	U	11	710	ug/L
AA1-BED-GW00	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Benzyl alcohol	ND	U	21	140	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Butylbenzylphthalate	ND	UJ	23	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Carbazole	ND	U	20	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Chrysene	ND	UJ	28	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	37	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	9.3	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	48	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Dibenzofuran	ND	U	18	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Diethylphthalate	ND	U	29	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Dimethylphthalate	ND	U	21	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Fluoranthene	ND	U	20	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Fluorene	ND	U	16	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	13	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	26	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	25	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Hexachloroethane	ND	U	13	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	40	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Isophorone	ND	U	16	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	25	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	U	25	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	13	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Naphthalene	120	J	13	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Nitrobenzene	ND	U	18	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Pentachlorophenol	ND	U	28	710	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Phenanthrene	61	J	22	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Phenol	ND	U	13	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	Pyrene	ND	UJ	18	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	15	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	13	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	24	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	36	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	0.6	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.65	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.55	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.5	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.55	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	0.65	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	2.8	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	2.8	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.45	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.7	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.55	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.65	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.55	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	1.9	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.5	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	7.2	50	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	2-Hexanone	ND	U	0.9	25	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.8	25	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Acetone	32	J	8.4	50	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Benzene	40		0.6	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.75	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.6	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Bromoform	ND	U	0.65	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Bromomethane	ND	U	0.65	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.75	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.55	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.5	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Chloroethane	ND	U	0.7	10	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Chloroform	ND	U	0.65	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Chloromethane	ND	U	1.4	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Cyclohexane	500		0.6	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.7	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	1.2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Ethylbenzene	60		1.8	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	22		0.55	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Methyl Acetate	ND	U	1.8	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Methylcyclohexane	420		0.6	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Methylene Chloride	ND	U	1.2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Styrene	ND	U	0.45	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.5	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.5	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Toluene	60		0.8	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	1.2	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.6	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Vinyl chloride	ND	U	1	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	Xylenes, Total	630		2.4	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.7	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.4	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.75	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-A	N1	11/9/2007	9:30	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.6	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	E310.1	Alkalinity, Carbonate (as CACO3)	557		1	2	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	E300	Chloride (as Cl)	3280		10	25	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW9012A	Cyanide	88.1	J	6	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	E200.7	Hardness (as CACO3)	2370		2.6	10	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	E353.2	Nitrogen, Nitrate-Nitrite	ND	U	0.25	0.75	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	E300	Sulfate (as SO4)	10.2		2.5	5	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	E160.2	Suspended Solids (residue, Non-filterable)	127		4	4	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	E160.1	Total Dissolved Solids	7140		20	20	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW9060	Total Organic Carbon	11.7		0.5	1.5	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	E180.1	Turbidity	68.6		2	40	NTU
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8330	1,3,5-Trinitrobenzene	3.6	J	0.072	0.36	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	UJ	0.072	0.36	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8330	2,4,6-Trinitrotoluene	2.6	J	0.072	0.36	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	UJ	0.094	0.36	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8330	2,6-Dinitrotoluene	0.4	J	0.094	0.36	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	0.89	J	0.11	0.36	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8330	2-Nitrotoluene	ND	UJ	0.072	0.36	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8330	3-Nitrotoluene	ND	UJ	0.11	0.36	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	0.072	0.36	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8330	4-Nitrotoluene	ND	UJ	0.072	0.36	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8330	HMX	0.17	J	0.072	0.36	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8330	Nitrobenzene	0.3	J	0.079	0.36	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8330	RDX	3.3	J	0.072	0.36	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8330	Tetryl	0.11	J	0.072	0.36	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Aluminum	76.6	J	75	200	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Arsenic	ND	U	3	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Barium	2810		5	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Calcium	364000		1000	4000	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Cobalt	ND	U	3	12.5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Copper	ND	UJ	4	25	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Iron	62.6	J	30	100	ug/L
AA1-BED-GW00	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Lead	ND	U	1.5	3	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Magnesium	349000		500	2000	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Manganese	1020		3	15	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Nickel	ND	U	3	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Potassium	83700		500	2000	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Silver	ND	U	1	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Sodium	1230000		5000	20000	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Thallium	3.2	J	3	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Vanadium	8.9	J	3	12.5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Zinc	ND	U	5	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Aluminum (total)	148	J	75	200	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Antimony (total)	ND	U	5	15	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Arsenic (total)	ND	U	3	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Barium (total)	2990		5	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Beryllium (total)	ND	U	1	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Cadmium (total)	ND	U	1	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Calcium (total)	368000		1000	4000	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Chromium (total)	3.1	J	2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Cobalt (total)	ND	U	3	12.5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Copper (total)	ND	UJ	4	25	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Iron (total)	1030	J	30	100	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Lead (total)	1.6	J	1.5	3	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Magnesium (total)	355000		500	2000	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Manganese (total)	1170		3	15	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Nickel (total)	ND	U	3	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Potassium (total)	88400		500	2000	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Selenium (total)	ND	U	3	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Silver (total)	ND	U	1	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Sodium (total)	1290000		5000	20000	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Thallium (total)	ND	U	3	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Vanadium (total)	11.1	J	3	12.5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW6010B	Zinc (total)	5.2	J	5	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	U	6.2	25	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	U	6.2	25	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	U	6.2	25	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	U	6.2	25	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.62	2.5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.62	2.5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.62	2.5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	1,2,4-Trichlorobenzene	ND	U	10	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	1,2-Dichlorobenzene	ND	U	20	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	20	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	1,3-Dichlorobenzene	ND	U	11	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	1,4-Dichlorobenzene	ND	U	15	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	14	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	21	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	12	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	20	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	24	710	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	2,4-Dinitrotoluene	ND	U	14	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	2,6-Dinitrotoluene	ND	U	19	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	16	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	2-Chlorophenol	ND	U	17	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	2-Methylnaphthalene	190	J	19	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	23	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	2-Nitroaniline	ND	U	34	710	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	2-Nitrophenol	ND	U	21	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	25	280	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	3-Methylphenol	ND	U	22	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	3-Nitroaniline	ND	U	30	710	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	21	710	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	16	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	16	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	4-Chloroaniline	ND	U	27	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	25	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	22	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	4-Nitroaniline	ND	U	58	710	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	4-Nitrophenol	ND	U	23	710	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Acenaphthene	ND	U	18	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Acenaphthylene	ND	U	13	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Anthracene	ND	U	22	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	26	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	17	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	20	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	41	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	14	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Benzoic acid	ND	U	11	710	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Benzyl alcohol	ND	U	21	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	23	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Carbazole	ND	U	20	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Chrysene	ND	U	28	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	37	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	9.3	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	48	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Dibenzofuran	ND	U	18	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Diethylphthalate	ND	U	29	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Dimethylphthalate	ND	U	21	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Fluoranthene	ND	U	20	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Fluorene	ND	U	16	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	13	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	26	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	25	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Hexachloroethane	ND	U	13	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	40	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Isophorone	ND	U	16	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	25	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	U	25	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	13	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Naphthalene	66	J	13	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Nitrobenzene	ND	U	18	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Pentachlorophenol	ND	U	28	710	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Phenanthrene	31	J	22	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Phenol	ND	U	13	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	Pyrene	ND	U	18	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	15	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	13	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	24	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	36	140	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	0.6	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.65	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.55	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.5	5	ug/L
AA1-BED-GW00	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.55	5	ug/L
AA1-BED-GW0	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	0.65	5	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	2.8	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	2.8	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.45	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.7	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.55	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.65	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.55	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	1.9	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.5	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	7.2	50	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	2-Hexanone	ND	U	0.9	25	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.8	25	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Acetone	33	J	8.4	50	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Benzene	42		0.6	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.75	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.6	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Bromoform	ND	U	0.65	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Bromomethane	ND	U	0.65	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.75	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.55	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.5	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Chloroethane	ND	U	0.7	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Chloroform	ND	U	0.65	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Chloromethane	ND	U	1.4	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Cyclohexane	440		0.6	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.7	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	1.2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Ethylbenzene	58		1.8	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	20		0.55	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Methyl Acetate	ND	U	1.8	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Methylcyclohexane	330		0.6	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Methylene Chloride	ND	U	1.2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Styrene	ND	U	0.45	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.5	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.5	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Toluene	61		0.8	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	1.2	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.6	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Vinyl chloride	ND	U	1	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	Xylenes, Total	600		2.4	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.7	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.4	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.75	5	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-BED-GW001-D	FD1	11/9/2007	9:30	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.6	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SM2320B	Alkalinity, Total (as CaCO3)	670		1	1	mg/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SM2540D	Suspended Solids (residue, Non-filterable)	36		4	4	mg/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SM2540C	Total Dissolved Solids	1390		20	20	mg/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW9060	Total Organic Carbon	7.8		0.5	1.5	mg/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	E300.0	Chloride (as Cl)	2450		4	10	mg/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW9012A	Cyanide	ND	U	5	10	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	E200.7	Hardness (as CACO3)	2140		1.3	5	mg/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	E300.0	Nitrogen, Nitrate (as N)	ND	U	0.05	0.15	mg/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	E300.0	Nitrogen, Nitrite	0.33		0.05	0.25	mg/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	E300.0	Sulfate (as SO4)	0.57		0.25	0.5	mg/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	E180.1	Turbidity	109		4	80	NTU
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	U	0.13	0.37	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	U	0.09	0.37	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8330	2,4,6-Trinitrotoluene	0.99		0.13	0.37	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	U	0.13	0.37	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	U	0.13	0.37	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.13	0.37	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8330	2-Nitrotoluene	ND	U	0.13	0.37	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8330	3-Nitrotoluene	0.82	J	0.13	0.37	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	0.55		0.13	0.37	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8330	4-Nitrotoluene	ND	U	0.13	0.37	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8330	HMX	ND	U	0.13	0.37	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8330	Nitrobenzene	ND	U	0.082	0.37	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8330	RDX	0.64	J	0.13	0.37	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8330	Tetryl	ND	U	0.13	0.37	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Aluminum (total)	122	J	75	200	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Antimony (total)	ND	U	5	15	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Arsenic (total)	ND	U	3	10	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Barium (total)	1870		5	40	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Beryllium (total)	ND	U	1	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Cadmium (total)	ND	U	1	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Calcium (total)	371000		2500	10000	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Chromium (total)	ND	U	2	10	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Cobalt (total)	ND	U	3	12.5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Copper (total)	ND	U	4	25	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Iron (total)	705		30	100	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Lead (total)	ND	U	1.5	3	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Magnesium (total)	297000		500	2000	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Manganese (total)	33.6		3	15	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Nickel (total)	ND	U	3	10	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Potassium (total)	63900		500	2000	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Selenium (total)	ND	U	3	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Silver (total)	ND	U	1	10	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Sodium (total)	808000		2500	10000	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Thallium (total)	ND	U	3	10	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Vanadium (total)	ND	U	3	12.5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW6010C	Zinc (total)	ND	U	5	20	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	0.12	0.47	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	0.12	0.47	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	0.12	0.47	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	0.12	0.47	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	0.12	0.47	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	0.12	0.47	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	0.12	0.47	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.35	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	1,2-Dichlorobenzene	ND	U	0.69	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.66	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	1,3-Dichlorobenzene	ND	U	0.36	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	1,4-Dichlorobenzene	ND	U	0.52	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.48	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.7	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.42	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	0.68	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	0.82	24	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.56	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.57	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	2-Methylnaphthalene	36		0.65	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.8	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.1	24	ug/L
AA1-BED-GW00	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.71	4.8	ug/L
AA1-BED-GW0	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.86	9.6	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	3-Methylphenol	ND	U	0.74	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	3-Nitroaniline	ND	U	1	24	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.71	24	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.55	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.56	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	4-Chloroaniline	ND	U	0.91	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.86	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.74	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	4-Nitroaniline	ND	U	2	24	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	4-Nitrophenol	ND	U	0.8	24	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Acenaphthene	ND	U	0.6	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.45	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Anthracene	ND	U	0.74	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	0.88	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.58	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.68	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.48	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Benzoic acid	ND	U	0.38	24	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.72	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	0.79	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Carbazole	ND	U	0.66	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Chrysene	ND	U	0.97	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	0.32	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.62	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Diethylphthalate	ND	U	0.98	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.71	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Fluoranthene	ND	U	0.67	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Fluorene	ND	U	0.53	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.45	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	0.89	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	0.86	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.44	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.4	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Isophorone	ND	U	0.53	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.86	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	UJ	0.86	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.44	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Naphthalene	36		0.43	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Pentachlorophenol	ND	U	0.96	24	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Phenanthrene	ND	U	0.74	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Phenol	ND	U	0.44	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	Pyrene	ND	U	0.62	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.5	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.43	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.82	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.8	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	0.75	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.35	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	1.1	10	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.85	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.75	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	2.1	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.8	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.7	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.4	10	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.35	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.85	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.75	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.9	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	1	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.6	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	6.2	50	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	2-Hexanone	ND	U	4.2	25	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	7.2	25	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Acetone	ND	U	5.4	50	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Benzene	74		0.55	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Bromochloromethane	ND	U	1.6	10	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.43	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Bromoform	ND	U	1.2	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Bromomethane	ND	U	1.6	10	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.65	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.7	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Chlorobenzene	ND	U	1.4	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Chloroethane	ND	U	1.9	10	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Chloroform	ND	U	0.5	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Chloromethane	ND	U	2	10	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Cyclohexane	420		0.9	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.4	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	1.2	10	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Ethylbenzene	45		0.7	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	17		0.17	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Methyl Acetate	ND	U	4.4	10	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Methylcyclohexane	310		1	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Methylene Chloride	ND	U	3.4	32	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Styrene	ND	U	1.1	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.85	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.7	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Toluene	62		0.9	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	1.4	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.75	10	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.95	10	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	Xylenes, Total	520		1	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	2.2	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.65	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	2	5	ug/L
AA1-BED-GW001	PBOW-08-GW-AA1-AA1BEDGW001-A	N1	5/7/2008	15:45	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	1.1	5	ug/L
AA1-BED-GW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	E300.0	Chloride (as Cl)	3110		4	10	mg/L
AA1-BED-GW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	E300.0	Sulfate (as SO4)	206		5	10	mg/L
AA1-BED-GW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Calcium (total)	295000		2500	10000	ug/L
AA1-BED-GW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Sodium (total)	1420000		12500	50000	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	E310.1	Alkalinity, Carbonate (as CACO3)	944		1	2	mg/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	E300	Chloride (as Cl)	543		4	10	mg/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW9012A	Cyanide	ND	U	6	10	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	E200.7	Hardness (as CACO3)	422		1.3	5	mg/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	E353.2	Nitrogen, Nitrate-Nitrite	ND	U	0.25	0.75	mg/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	E300	Sulfate (as SO4)	9.8	J	4	10	mg/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	E160.2	Suspended Solids (residue, Non-filterable)	12.8		4	4	mg/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	E160.1	Total Dissolved Solids	2060		20	20	mg/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW9060	Total Organic Carbon	3.7		0.5	1.5	mg/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	E180.1	Turbidity	13.8	J	1	20	NTU
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	UJ	0.08	0.4	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	UJ	0.08	0.4	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	UJ	0.08	0.4	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	UJ	0.1	0.4	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	UJ	0.1	0.4	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	0.12	0.4	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8330	2-Nitrotoluene	ND	UJ	0.08	0.4	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8330	3-Nitrotoluene	0.14	J	0.12	0.4	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	0.082	J	0.08	0.4	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8330	4-Nitrotoluene	ND	UJ	0.08	0.4	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8330	HMX	ND	UJ	0.08	0.4	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8330	Nitrobenzene	ND	UJ	0.088	0.4	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8330	RDX	ND	UJ	0.08	0.4	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8330	Tetryl	ND	UJ	0.08	0.4	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Aluminum	ND	U	75	200	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Arsenic	6.5	J	3	10	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Barium	42.8		5	40	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Calcium	81300		500	2000	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Cobalt	ND	U	3	12.5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Copper	ND	UJ	4	25	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Iron	45.7	J	30	100	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Lead	ND	U	1.5	3	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Magnesium	49900		500	2000	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Manganese	7	J	3	15	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Nickel	ND	U	3	10	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Potassium	48200		500	2000	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Silver	ND	U	1	10	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Sodium	543000		2500	10000	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Thallium	3.8	J	3	10	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Zinc	ND	U	5	20	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW7470A	Mercury	0.19	J	0.08	0.2	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Aluminum (total)	89.9	J	75	200	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Antimony (total)	ND	U	5	15	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Arsenic (total)	4.7	J	3	10	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Barium (total)	46.6		5	40	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Beryllium (total)	ND	U	1	5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Cadmium (total)	ND	U	1	5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Calcium (total)	84300		500	2000	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Chromium (total)	ND	U	2	10	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Cobalt (total)	ND	U	3	12.5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Copper (total)	ND	UJ	4	25	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Iron (total)	446		30	100	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Lead (total)	ND	U	1.5	3	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Magnesium (total)	51500		500	2000	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Manganese (total)	11.3	J	3	15	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW7470A	Mercury (total)	0.18	J	0.08	0.2	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Nickel (total)	ND	U	3	10	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Potassium (total)	49700		500	2000	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Selenium (total)	ND	U	3	5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Silver (total)	ND	U	1	10	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Sodium (total)	571000		2500	10000	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Thallium (total)	ND	U	3	10	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Vanadium (total)	ND	U	3	12.5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW6010B	Zinc (total)	6.5	J	5	20	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	U	1.2	5	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	U	1.2	5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	U	1.2	5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	U	1.2	5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.12	0.5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.12	0.5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.12	0.5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.34	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	1,2-Dichlorobenzene	ND	U	0.67	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	1,3-Dichlorobenzene	ND	U	0.36	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	1,4-Dichlorobenzene	ND	U	0.5	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.47	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.68	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.41	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	0.66	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	0.79	23	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	2,4-Dinitrotoluene	ND	U	0.46	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	2,6-Dinitrotoluene	ND	U	0.62	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.55	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	2-Methylnaphthalene	6.3		0.64	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.78	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.1	23	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.69	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.83	9.3	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	3-Methylphenol	ND	U	0.72	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	3-Nitroaniline	ND	U	0.98	23	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.69	23	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.54	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	4-Chloroaniline	ND	U	0.89	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.83	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.72	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	4-Nitroaniline	ND	U	1.9	23	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	4-Nitrophenol	ND	U	0.78	23	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Acenaphthene	ND	U	0.59	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.44	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Anthracene	ND	U	0.72	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	0.85	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Benzo(a)pyrene	ND	UJ	0.56	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	UJ	0.66	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	UJ	1.4	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	UJ	0.47	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Benzoic acid	ND	U	0.37	23	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.7	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	0.77	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Carbazole	ND	U	0.64	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Chrysene	ND	U	0.94	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Di-n-octylphthalate	ND	UJ	0.31	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	UJ	1.6	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.61	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Diethylphthalate	ND	U	0.95	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.69	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Fluoranthene	ND	U	0.65	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Fluorene	ND	U	0.51	4.7	ug/L
AA1-BED-GW00	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.4	4.7	ug/L
AA1-BED-GW0	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	0.87	4.7	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	0.83	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.43	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	1.3	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Isophorone	ND	U	0.51	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.84	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	U	0.84	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.43	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Naphthalene	6		0.42	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Nitrobenzene	ND	U	0.58	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Pentachlorophenol	ND	U	0.93	23	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Phenanthrene	ND	U	0.72	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Phenol	ND	U	0.43	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	Pyrene	ND	U	0.61	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	2	J	1.2	4.7	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	1,1,1-Trichloroethane	0.5	J	0.12	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.13	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.11	2	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.1	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.11	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	0.13	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.57	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.57	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.09	2	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.14	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.11	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.13	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.11	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.38	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.1	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	10	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	2-Hexanone	ND	U	0.18	5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.35	5	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Acetone	3.4	J	1.7	10	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Benzene	ND	U	0.12	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.15	2	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.12	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Bromoform	ND	U	0.13	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Bromomethane	ND	U	0.13	2	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.15	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.11	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.1	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Chloroethane	ND	U	0.14	2	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Chloroform	ND	U	0.13	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Chloromethane	ND	U	0.28	2	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Cyclohexane	ND	U	0.12	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.14	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	0.25	2	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Ethylbenzene	ND	U	0.35	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.11	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Methyl Acetate	ND	U	0.36	2	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Methylcyclohexane	ND	U	0.12	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Methylene Chloride	ND	U	0.23	2	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Styrene	ND	U	0.09	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.1	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.1	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Toluene	ND	U	0.16	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	0.23	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.12	2	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.2	2	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	Xylenes, Total	ND	U	0.47	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.14	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.08	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.15	1	ug/L
AA1-BED-GW003	PBOW-07-GW-AA1-AA1-BED-GW003-A	N1	11/7/2007	12:20	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.12	1	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SM2320B	Alkalinity, Total (as CaCO3)	850		1	1	mg/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SM2540D	Suspended Solids (residue, Non-filterable)	4	J	4	4	mg/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SM2540C	Total Dissolved Solids	1880		20	20	mg/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW9060	Total Organic Carbon	3.4		0.5	1.5	mg/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	E300.0	Chloride (as Cl)	523	J	4	10	mg/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW9012A	Cyanide	ND	U	5	10	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	E200.7	Hardness (as CACO3)	376		1.3	5	mg/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	E300.0	Sulfate (as SO4)	1.3	J	0.25	0.5	mg/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	UJ	0.13	0.39	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	UJ	0.094	0.39	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	UJ	0.13	0.39	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	UJ	0.13	0.39	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	UJ	0.13	0.39	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	0.13	0.39	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8330	2-Nitrotoluene	ND	UJ	0.13	0.39	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8330	3-Nitrotoluene	0.28	J	0.13	0.39	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	0.13	0.39	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8330	4-Nitrotoluene	ND	UJ	0.13	0.39	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8330	HMX	ND	UJ	0.13	0.39	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8330	Nitrobenzene	ND	UJ	0.086	0.39	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8330	RDX	ND	UJ	0.13	0.39	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8330	Tetryl	ND	UJ	0.13	0.39	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Aluminum (total)	ND	U	75	200	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Antimony (total)	ND	U	5	15	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Arsenic (total)	ND	U	3	10	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Barium (total)	29.6	J	5	40	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Beryllium (total)	ND	U	1	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Cadmium (total)	ND	U	1	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Calcium (total)	74800		500	2000	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Chromium (total)	ND	U	2	10	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Cobalt (total)	ND	U	3	12.5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Copper (total)	ND	U	4	25	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Iron (total)	90.6	J	30	100	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Lead (total)	ND	U	1.5	3	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Magnesium (total)	46000		500	2000	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Manganese (total)	8.4	J	3	15	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Nickel (total)	ND	U	3	10	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Potassium (total)	47500		500	2000	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Selenium (total)	3.8	J	3	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Silver (total)	ND	U	1	10	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Sodium (total)	527000		2500	10000	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Thallium (total)	ND	U	3	10	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Vanadium (total)	ND	U	3	12.5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW6010C	Zinc (total)	ND	U	5	20	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	0.12	0.49	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	0.12	0.49	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	0.12	0.49	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	0.12	0.49	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	0.12	0.49	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	0.12	0.49	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	0.12	0.49	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.69	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.5	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.73	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.44	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	0.71	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	0.85	25	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.58	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.59	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	2-Methylnaphthalene	0.81	J	0.68	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.83	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.2	25	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.74	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.89	10	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	3-Methylphenol	ND	U	0.77	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	3-Nitroaniline	ND	U	1	25	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.74	25	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.57	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.58	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	4-Chloroaniline	ND	U	0.95	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.89	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.77	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	4-Nitroaniline	ND	U	2	25	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	4-Nitrophenol	ND	U	0.83	25	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Acenaphthene	ND	U	0.63	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.47	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Anthracene	ND	U	0.77	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	0.91	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.6	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.71	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	1.5	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.5	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Benzoic acid	ND	U	0.4	25	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.75	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	0.82	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Carbazole	ND	U	0.69	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Chrysene	ND	U	1	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.3	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	0.33	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	1.7	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.65	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Diethylphthalate	ND	U	1	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.74	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Fluoranthene	ND	U	0.7	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Fluorene	ND	U	0.55	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.47	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	0.93	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	0.89	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.46	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.4	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Isophorone	ND	U	0.55	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.9	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	UJ	0.9	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.46	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Naphthalene	1.3	J	0.45	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Pentachlorophenol	ND	U	1	25	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Phenanthrene	ND	U	0.77	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Phenol	ND	U	0.46	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	Pyrene	ND	U	0.65	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.52	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.45	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.85	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.3	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	0.3	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.14	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.44	4	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.34	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.3	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	0.84	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.32	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.28	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.36	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.56	4	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.14	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.34	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.72	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.3	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.36	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.42	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.38	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.24	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.54	5	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	2.5	20	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	2-Hexanone	ND	U	1.7	10	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	2.9	10	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Acetone	ND	U	2.1	20	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Benzene	11		0.22	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.62	4	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.17	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Bromoform	ND	U	0.48	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Bromomethane	ND	UJ	0.66	4	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.26	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.28	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.56	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Chloroethane	ND	U	0.76	4	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Chloroform	ND	U	0.2	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Chloromethane	ND	U	0.8	4	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Cyclohexane	200		0.36	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.16	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	0.48	4	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Ethylbenzene	19		0.28	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	4.9		0.068	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Methyl Acetate	ND	U	1.7	4	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Methylcyclohexane	68		0.4	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Methylene Chloride	ND	U	2.1	11	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Styrene	ND	U	0.44	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.34	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.28	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Toluene	45		0.36	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	0.56	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.3	4	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.38	4	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	Xylenes, Total	200		0.42	2	ug/L
AA1-BED-GW00	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.88	2	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.26	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.8	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/2/2008	15:45	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.44	2	ug/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/4/2008	15:30	0	0	WG	E300.0	Nitrogen, Nitrate (as N)	ND	U	0.05	0.15	mg/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/4/2008	15:30	0	0	WG	E300.0	Nitrogen, Nitrite	2.9	J	1	5	mg/L
AA1-BED-GW003	PBOW-08-GW-AA1-AA1BEDGW003-A	N1	5/4/2008	15:30	0	0	WG	E180.1	Turbidity	5	J	1	20	NTU
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	E310.1	Alkalinity, Carbonate (as CACO3)	587		1	2	mg/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	E300	Chloride (as Cl)	637		0.2	0.5	mg/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW9012A	Cyanide	16.6		6	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	E200.7	Hardness (as CACO3)	592		1.3	5	mg/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	E353.2	Nitrogen, Nitrate-Nitrite	ND	U	0.25	0.75	mg/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	E300	Sulfate (as SO4)	5.7		0.25	0.5	mg/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	E160.2	Suspended Solids (residue, Non-filterable)	4	J	4	4	mg/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	E160.1	Total Dissolved Solids	1710		20	20	mg/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW9060	Total Organic Carbon	1.5		0.5	1.5	mg/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	UJ	0.075	0.38	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	UJ	0.075	0.38	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	UJ	0.075	0.38	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	UJ	0.098	0.38	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8330	2,6-Dinitrotoluene	0.21	J	0.098	0.38	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	0.11	0.38	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8330	2-Nitrotoluene	ND	UJ	0.075	0.38	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8330	3-Nitrotoluene	ND	UJ	0.11	0.38	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	0.075	0.38	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8330	4-Nitrotoluene	ND	UJ	0.075	0.38	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8330	HMX	ND	UJ	0.075	0.38	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8330	Nitrobenzene	ND	UJ	0.083	0.38	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8330	RDX	ND	UJ	0.075	0.38	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8330	Tetryl	ND	UJ	0.075	0.38	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Aluminum	ND	U	75	200	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Arsenic	ND	U	3	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Barium	356		5	40	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Calcium	110000		500	2000	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Cobalt	ND	U	3	12.5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Copper	ND	UJ	4	25	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Iron	67.8	J	30	100	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Lead	2.5	J	1.5	3	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Magnesium	70600		500	2000	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Manganese	105		3	15	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Nickel	ND	U	3	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Potassium	39900		500	2000	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Silver	ND	U	1	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Sodium	395000		1000	4000	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Thallium	3.1	J	3	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Zinc	ND	U	5	20	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Aluminum (total)	131	J	75	200	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Antimony (total)	ND	U	5	15	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Arsenic (total)	ND	U	3	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Barium (total)	380		5	40	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Beryllium (total)	ND	U	1	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Cadmium (total)	ND	U	1	5	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Calcium (total)	115000		500	2000	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Chromium (total)	ND	U	2	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Cobalt (total)	ND	U	3	12.5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Copper (total)	ND	UJ	4	25	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Iron (total)	471		30	100	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Lead (total)	ND	U	1.5	3	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Magnesium (total)	74100		500	2000	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Manganese (total)	114		3	15	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Nickel (total)	ND	U	3	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Potassium (total)	40500		500	2000	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Selenium (total)	ND	U	3	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Silver (total)	ND	U	1	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Sodium (total)	400000		1000	4000	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Thallium (total)	4.3	J	3	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Vanadium (total)	ND	U	3	12.5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW6010B	Zinc (total)	ND	U	5	20	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	U	6.2	25	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	U	6.2	25	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	U	6.2	25	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	U	6.2	25	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.12	0.5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.12	0.5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.12	0.5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.34	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	1,2-Dichlorobenzene	ND	U	0.67	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	1,3-Dichlorobenzene	ND	U	0.36	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	1,4-Dichlorobenzene	0.68	J	0.5	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.47	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.68	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.41	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	2,4-Dimethylphenol	3.3	J	0.66	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	0.79	23	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	2,4-Dinitrotoluene	ND	U	0.46	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	2,6-Dinitrotoluene	ND	U	0.62	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.55	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	2-Methylnaphthalene	6.1		0.64	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.78	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.1	23	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.69	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.83	9.3	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	3-Methylphenol	ND	U	0.72	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	3-Nitroaniline	ND	U	0.98	23	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.69	23	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.54	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	4-Chloroaniline	ND	U	0.89	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.83	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.72	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	4-Nitroaniline	ND	U	1.9	23	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	4-Nitrophenol	ND	U	0.78	23	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Acenaphthene	ND	U	0.59	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.44	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Anthracene	ND	U	0.72	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	0.85	4.7	ug/L
AA1-BED-GW00	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.56	4.7	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.66	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.47	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Benzoic acid	ND	U	0.37	23	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.7	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	0.77	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Carbazole	ND	U	0.64	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Chrysene	ND	U	0.94	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	0.31	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.61	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Diethylphthalate	ND	U	0.95	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.69	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Fluoranthene	ND	U	0.65	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Fluorene	ND	U	0.51	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.44	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	0.87	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	0.83	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.43	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Isophorone	ND	U	0.51	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.84	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	U	0.84	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.43	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Naphthalene	10		0.42	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Nitrobenzene	ND	U	0.58	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Pentachlorophenol	ND	U	0.93	23	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Phenanthrene	ND	U	0.72	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Phenol	ND	U	0.43	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	Pyrene	ND	U	0.61	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.7	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	0.6	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.65	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.55	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.5	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.55	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	0.65	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	2.8	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	2.8	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.45	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.7	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.55	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.65	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.55	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	1.9	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.5	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	7.2	50	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	2-Hexanone	ND	U	0.9	25	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.8	25	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Acetone	18	J	8.4	50	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Benzene	98		0.6	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.75	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.6	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Bromoform	ND	U	0.65	5	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Bromomethane	ND	U	0.65	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.75	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.55	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.5	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Chloroethane	ND	U	0.7	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Chloroform	ND	U	0.65	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Chloromethane	ND	U	1.4	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Cyclohexane	260		0.6	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.7	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	1.2	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Ethylbenzene	61		1.8	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	11		0.55	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Methyl Acetate	ND	U	1.8	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Methylcyclohexane	70		0.6	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Methylene Chloride	1.4	J	1.2	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Styrene	ND	U	0.45	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.5	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.5	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Toluene	210		0.8	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Trichloroethene (TCE)	1.8	J	1.2	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.6	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Vinyl chloride	ND	U	1	10	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	Xylenes, Total	530		2.4	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.7	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.4	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.75	5	ug/L
AA1-BED-GW004	PBOW-07-GW-AA1-BED-GW004-A	N1	11/6/2007	16:10	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.6	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SM2320B	Alkalinity, Total (as CaCO3)	569		1	1	mg/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW9060	Total Organic Carbon	1.1	J	0.5	1.5	mg/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	E300.0	Chloride (as Cl)	337		4	10	mg/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW9012A	Cyanide	ND	U	5	10	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	E200.7	Hardness (as CACO3)	362		1.3	5	mg/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	E300.0	Nitrogen, Nitrate (as N)	ND	U	0.05	0.15	mg/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	E300.0	Nitrogen, Nitrite	0.07	J	0.05	0.25	mg/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	E300.0	Sulfate (as SO4)	2.1		0.25	0.5	mg/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	E180.1	Turbidity	137		4	80	NTU
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	UJ	0.14	0.4	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	UJ	0.096	0.4	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	UJ	0.14	0.4	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	UJ	0.14	0.4	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	UJ	0.14	0.4	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	0.14	0.4	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8330	2-Nitrotoluene	ND	UJ	0.14	0.4	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8330	3-Nitrotoluene	ND	UJ	0.14	0.4	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	0.14	0.4	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8330	4-Nitrotoluene	0.15	J	0.14	0.4	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8330	HMX	ND	UJ	0.14	0.4	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8330	Nitrobenzene	ND	UJ	0.088	0.4	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8330	RDX	0.14	J	0.14	0.4	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8330	Tetryl	ND	UJ	0.14	0.4	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Aluminum (total)	190	J	75	200	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Antimony (total)	ND	U	5	15	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Arsenic (total)	ND	U	3	10	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Barium (total)	194		5	40	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Beryllium (total)	ND	U	1	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Cadmium (total)	ND	U	1	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Calcium (total)	69800		500	2000	ug/L
AA1-BED-GW0C	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Chromium (total)	ND	U	2	10	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Cobalt (total)	ND	U	3	12.5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Copper (total)	ND	U	4	25	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Iron (total)	641		30	100	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Lead (total)	ND	U	1.5	3	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Magnesium (total)	45700		500	2000	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Manganese (total)	26.4		3	15	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Nickel (total)	ND	U	3	10	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Potassium (total)	36000		500	2000	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Selenium (total)	ND	U	3	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Silver (total)	ND	U	1	10	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Sodium (total)	279000		2500	10000	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Thallium (total)	ND	U	3	10	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Vanadium (total)	ND	U	3	12.5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW6010C	Zinc (total)	21.4		5	20	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	0.12	0.47	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	0.12	0.47	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	0.12	0.47	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	0.12	0.47	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	0.12	0.47	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	0.12	0.47	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	0.12	0.47	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.36	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	1,2-Dichlorobenzene	ND	U	0.72	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.69	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	1,3-Dichlorobenzene	ND	U	0.38	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	1,4-Dichlorobenzene	ND	U	0.54	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.5	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.73	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.44	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	2,4-Dimethylphenol	1.2	J	0.71	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	0.85	25	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.58	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.59	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	2-Methylnaphthalene	1.8	J	0.68	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.83	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.2	25	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.74	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.89	10	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	3-Methylphenol	ND	U	0.77	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	3-Nitroaniline	ND	U	1	25	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.74	25	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.57	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.58	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	4-Chloroaniline	ND	U	0.95	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.89	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.77	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	4-Nitroaniline	ND	U	2	25	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	4-Nitrophenol	ND	U	0.83	25	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Acenaphthene	ND	U	0.63	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.47	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Anthracene	ND	U	0.77	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	0.91	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.6	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.71	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	1.5	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.5	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Benzoic acid	ND	U	0.4	25	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.75	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	0.82	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Carbazole	ND	U	0.69	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Chrysene	ND	U	1	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.3	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	0.33	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	1.7	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.65	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Diethylphthalate	ND	U	1	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.74	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Fluoranthene	ND	U	0.7	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Fluorene	ND	U	0.55	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.47	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	0.93	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	0.89	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.46	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.4	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Isophorone	ND	U	0.55	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.9	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	UJ	0.9	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.46	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Naphthalene	3.3	J	0.45	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Pentachlorophenol	ND	U	1	25	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Phenanthrene	ND	U	0.77	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Phenol	ND	U	0.46	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	Pyrene	ND	U	0.65	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.52	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.45	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.85	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/6/2008	16:15	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.3	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Acetone	ND	U	1.1	10	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Benzene	68		0.11	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Chloroethane	ND	U	0.38	2	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Cyclohexane	170		0.18	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Ethylbenzene	30		0.14	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	6.8		0.034	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Methylcyclohexane	44		0.2	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Methylene Chloride	ND	U	0.29	6.4	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Toluene	93		0.18	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Xylenes, Total	230		0.21	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-BED-GW004	PBOW-08-GW-AA1-AA1BEDGW004-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SM2320B	Alkalinity, Total (as CaCO3)	520		1	1	mg/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SM2540D	Suspended Solids (residue, Non-filterable)	ND	U	4	4	mg/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SM2540C	Total Dissolved Solids	6180		20	20	mg/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW9060	Total Organic Carbon	5.6		0.5	1.5	mg/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW9012A	Cyanide	ND	U	5	10	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	E200.7	Hardness (as CACO3)	1530		1.3	5	mg/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	E353.2	Nitrogen, Nitrate-Nitrite	ND	U	0.25	0.75	mg/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	U	0.15	0.44	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	U	0.11	0.44	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	U	0.15	0.44	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	U	0.15	0.44	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8330	2,6-Dinitrotoluene	1.7	J	0.15	0.44	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	0.46		0.15	0.44	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8330	2-Nitrotoluene	ND	U	0.15	0.44	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8330	3-Nitrotoluene	ND	U	0.15	0.44	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.15	0.44	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8330	4-Nitrotoluene	ND	U	0.15	0.44	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8330	HMX	ND	U	0.15	0.44	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8330	Nitrobenzene	0.52	J	0.098	0.44	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8330	RDX	5.5	J	0.15	0.44	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8330	Tetryl	ND	U	0.15	0.44	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Aluminum (total)	109	J	75	200	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Antimony (total)	ND	U	5	15	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Arsenic (total)	20.1		3	10	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Barium (total)	185		5	40	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Beryllium (total)	ND	U	1	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Cadmium (total)	ND	U	1	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Chromium (total)	ND	U	2	10	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Cobalt (total)	ND	U	3	12.5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Copper (total)	ND	U	4	25	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Iron (total)	1330		30	100	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Lead (total)	ND	U	1.5	3	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Magnesium (total)	194000		500	2000	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Manganese (total)	186		3	15	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Nickel (total)	ND	U	3	10	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Potassium (total)	93300		500	2000	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Selenium (total)	4	J	3	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Silver (total)	ND	U	1	10	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Thallium (total)	ND	U	3	10	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Vanadium (total)	ND	U	3	12.5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW6010C	Zinc (total)	ND	U	5	20	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	0.14	0.56	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	0.14	0.56	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	0.14	0.56	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	0.14	0.56	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	0.14	0.56	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	0.14	0.56	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	0.14	0.56	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.47	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.68	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.41	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	2,4-Dimethylphenol	20		0.66	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	0.79	23	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.55	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	2-Methylnaphthalene	42		0.64	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.78	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.1	23	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.69	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.83	9.3	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	3-Methylphenol	8.4		0.72	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	3-Nitroaniline	ND	U	0.98	23	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.69	23	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.54	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	4-Chloroaniline	ND	U	0.89	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.83	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	8.4		0.72	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	4-Nitroaniline	ND	U	1.9	23	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	4-Nitrophenol	ND	U	0.78	23	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Acenaphthene	ND	U	0.59	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.44	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Anthracene	ND	U	0.72	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	0.85	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.56	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.66	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.47	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Benzoic acid	ND	U	0.37	23	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.7	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	0.77	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Carbazole	ND	U	0.64	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Chrysene	ND	U	0.94	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	0.31	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.61	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Diethylphthalate	ND	U	0.95	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.69	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Fluoranthene	ND	U	0.65	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Fluorene	ND	U	0.51	4.7	ug/L
AA1-BEDGW00	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.44	4.7	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	0.87	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	0.83	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.43	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Isophorone	ND	U	0.51	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.84	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	UJ	0.84	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.43	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Naphthalene	43		0.42	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Pentachlorophenol	ND	U	0.93	23	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Phenanthrene	ND	U	0.72	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Phenol	8.2		0.43	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	Pyrene	ND	U	0.61	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	0.75	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.35	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	1.1	10	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.85	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.75	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	2.1	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.8	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.7	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.34	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.4	10	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.35	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.85	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.67	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.75	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.9	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	1	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.36	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.6	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.5	4.7	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	6.2	50	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	2-Hexanone	ND	U	4.2	25	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	7.2	25	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Acetone	ND	U	5.4	50	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Benzene	140		0.55	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Bromochloromethane	ND	U	1.6	10	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.43	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Bromoform	ND	U	1.2	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Bromomethane	ND	UJ	1.6	10	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.65	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.7	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Chlorobenzene	ND	U	1.4	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Chloroethane	ND	U	1.9	10	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Chloroform	ND	U	0.5	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Chloromethane	ND	U	2	10	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Cyclohexane	230		0.9	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.4	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	1.2	10	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Ethylbenzene	140		0.7	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	28		0.17	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Methyl Acetate	ND	U	4.4	10	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Methylcyclohexane	83		1	5	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Methylene Chloride	ND	U	6.3	27.5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Styrene	ND	U	1.1	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.85	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.7	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Toluene	240		0.9	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	1.4	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.75	10	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.95	10	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	Xylenes, Total	930		1	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	2.2	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.65	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	2	5	ug/L
AA1-BEDGW002	PBOW-08-GW-AA1-AA1BEDGW002-A	N1	5/4/2008	15:30	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	1.1	5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	E310.1	Alkalinity, Carbonate (as CACO3)	428		1	2	mg/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	E300	Chloride (as Cl)	10		0.2	0.5	mg/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW9012A	Cyanide	ND	U	6	10	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	E200.7	Hardness (as CACO3)	2320		6.5	25	mg/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	E353.2	Nitrogen, Nitrate-Nitrite	ND	U	0.25	0.75	mg/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	E300	Sulfate (as SO4)	1840		10	25	mg/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	E160.2	Suspended Solids (residue, Non-filterable)	8.4		4	4	mg/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	E160.1	Total Dissolved Solids	3100		20	20	mg/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW9060	Total Organic Carbon	2.7		0.5	1.5	mg/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	U	0.075	0.38	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8330	1,3-Dinitrobenzene	0.12	J	0.075	0.38	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	U	0.075	0.38	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	U	0.098	0.38	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	U	0.098	0.38	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.11	0.38	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8330	2-Nitrotoluene	ND	U	0.075	0.38	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8330	3-Nitrotoluene	ND	U	0.11	0.38	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.075	0.38	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8330	4-Nitrotoluene	ND	U	0.075	0.38	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8330	HMX	ND	U	0.075	0.38	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8330	Nitrobenzene	ND	U	0.083	0.38	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8330	RDX	ND	U	0.075	0.38	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8330	Tetryl	ND	U	0.075	0.38	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Aluminum	ND	U	75	200	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Arsenic	ND	U	3	10	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Barium	16.5	J	5	40	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Calcium	492000		2500	10000	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Cobalt	10.9	J	3	12.5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Copper	ND	UJ	4	25	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Iron	7950		30	100	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Lead	1.7	J	1.5	3	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Magnesium	287000		500	2000	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Manganese	4450		3	15	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Nickel	9.9	J	3	10	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Potassium	5950		500	2000	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Silver	ND	U	1	10	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Sodium	41300		500	2000	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Thallium	ND	U	3	10	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Zinc	ND	U	5	20	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Aluminum (total)	ND	U	75	200	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Antimony (total)	ND	U	5	15	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Arsenic (total)	3	J	3	10	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Barium (total)	16.7	J	5	40	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Beryllium (total)	ND	U	1	5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Cadmium (total)	ND	U	1	5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Calcium (total)	492000		2500	10000	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Chromium (total)	ND	U	2	10	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Cobalt (total)	9.7	J	3	12.5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Copper (total)	ND	UJ	4	25	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Iron (total)	9720		30	100	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Lead (total)	ND	U	1.5	3	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Magnesium (total)	266000		500	2000	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Manganese (total)	4410		3	15	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Nickel (total)	10.2		3	10	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Potassium (total)	5420		500	2000	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Selenium (total)	ND	U	3	5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Silver (total)	ND	U	1	10	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Sodium (total)	37600		500	2000	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Thallium (total)	6.5	J	3	10	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Vanadium (total)	ND	U	3	12.5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW6010B	Zinc (total)	ND	U	5	20	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.12	0.5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.12	0.5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.12	0.5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.12	0.5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.12	0.5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.12	0.5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.12	0.5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.34	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	1,2-Dichlorobenzene	ND	U	0.67	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	1,3-Dichlorobenzene	ND	U	0.36	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	1,4-Dichlorobenzene	ND	U	0.5	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.47	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.68	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.41	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	0.66	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	0.79	23	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	2,4-Dinitrotoluene	ND	U	0.46	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	2,6-Dinitrotoluene	ND	U	0.62	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.55	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	2-Methylnaphthalene	ND	U	0.64	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.78	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.1	23	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.69	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.83	9.3	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	3-Methylphenol	ND	U	0.72	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	3-Nitroaniline	ND	U	0.98	23	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.69	23	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.54	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	4-Chloroaniline	ND	U	0.89	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.83	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.72	4.7	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	4-Nitroaniline	ND	U	1.9	23	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	4-Nitrophenol	ND	U	0.78	23	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Acenaphthene	ND	U	0.59	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.44	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Anthracene	ND	U	0.72	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	0.85	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.56	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.66	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.47	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Benzoic acid	ND	U	0.37	23	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.7	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	0.77	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Carbazole	ND	U	0.64	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Chrysene	ND	U	0.94	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	0.31	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.61	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Diethylphthalate	ND	U	0.95	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.69	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Fluoranthene	ND	U	0.65	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Fluorene	ND	U	0.51	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.44	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	0.87	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	0.83	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.43	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Isophorone	ND	U	0.51	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.84	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	U	0.84	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.43	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Naphthalene	ND	U	0.42	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Nitrobenzene	ND	U	0.58	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Pentachlorophenol	ND	U	0.93	23	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Phenanthrene	ND	U	0.72	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Phenol	ND	U	0.43	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	Pyrene	ND	U	0.61	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.7	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	0.12	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.13	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.11	2	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.1	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.11	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	0.13	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.57	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.57	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.09	2	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.14	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.11	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.13	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.11	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.38	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.1	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	10	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	2-Hexanone	ND	U	0.18	5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.35	5	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Acetone	ND	U	1.7	10	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Benzene	ND	U	0.12	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.15	2	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.12	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Bromoform	ND	U	0.13	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Bromomethane	ND	U	0.13	2	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.15	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.11	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.1	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Chloroethane	ND	U	0.14	2	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Chloroform	ND	U	0.13	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Chloromethane	ND	U	0.28	2	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Cyclohexane	ND	U	0.12	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.14	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	0.25	2	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Ethylbenzene	ND	U	0.35	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.11	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Methyl Acetate	ND	U	0.36	2	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Methylcyclohexane	ND	U	0.12	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Methylene Chloride	ND	U	0.23	2	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Styrene	ND	U	0.09	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.1	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.1	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Toluene	ND	U	0.16	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	0.23	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.12	2	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.2	2	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	Xylenes, Total	ND	U	0.47	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.14	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.08	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.15	1	ug/L
AA1-GW002	PBOW-07-GW-AA1-AA1-GW002-A	N1	11/6/2007	14:10	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.12	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SM2320B	Alkalinity, Total (as CaCO3)	316		1	1	mg/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SM2540D	Suspended Solids (residue, Non-filterable)	4.4		4	4	mg/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SM2540C	Total Dissolved Solids	1330		20	20	mg/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW9060	Total Organic Carbon	2.9		0.5	1.5	mg/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	E300.0	Chloride (as Cl)	4.5		0.2	0.5	mg/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW9012A	Cyanide	ND	U	5	10	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	E200.7	Hardness (as CACO3)	1980		1.3	5	mg/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	E300.0	Nitrogen, Nitrate (as N)	ND	U	0.05	0.15	mg/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	E300.0	Nitrogen, Nitrite	ND	U	1	5	mg/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	E300.0	Sulfate (as SO4)	1670		5	10	mg/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	E180.1	Turbidity	20.3		1	20	NTU
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	U	0.15	0.44	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	U	0.11	0.44	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	U	0.15	0.44	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	U	0.15	0.44	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	U	0.15	0.44	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.15	0.44	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8330	2-Nitrotoluene	ND	U	0.15	0.44	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8330	3-Nitrotoluene	ND	U	0.15	0.44	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.15	0.44	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8330	4-Nitrotoluene	ND	U	0.15	0.44	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8330	HMX	ND	U	0.15	0.44	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8330	Nitrobenzene	ND	U	0.098	0.44	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8330	RDX	ND	U	0.15	0.44	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8330	Tetryl	ND	U	0.15	0.44	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Aluminum (total)	ND	U	75	200	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Antimony (total)	ND	U	5	15	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Arsenic (total)	ND	U	3	10	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Barium (total)	11.9	J	5	40	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Beryllium (total)	ND	U	1	5	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Cadmium (total)	ND	U	1	5	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Calcium (total)	508000		2500	10000	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Chromium (total)	ND	U	2	10	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Cobalt (total)	11.5	J	3	12.5	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Copper (total)	ND	U	4	25	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Iron (total)	12800		30	100	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Lead (total)	ND	U	1.5	3	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Magnesium (total)	173000		500	2000	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Manganese (total)	4410		3	15	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Nickel (total)	10.9		3	10	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Potassium (total)	2690		500	2000	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Selenium (total)	ND	U	3	5	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Silver (total)	ND	U	1	10	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Sodium (total)	18700		500	2000	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Thallium (total)	ND	U	3	10	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Vanadium (total)	ND	U	3	12.5	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW6010C	Zinc (total)	ND	U	5	20	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	0.12	0.47	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	0.12	0.47	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	0.12	0.47	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	0.12	0.47	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	0.12	0.47	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	0.12	0.47	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	0.12	0.47	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.34	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	1,2-Dichlorobenzene	ND	U	0.67	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	1,3-Dichlorobenzene	ND	U	0.36	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	1,4-Dichlorobenzene	ND	U	0.5	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.47	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.68	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.41	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	0.66	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	0.79	23	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.55	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	2-Methylnaphthalene	ND	U	0.64	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.78	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.1	23	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.69	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.83	9.3	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	3-Methylphenol	ND	U	0.72	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	3-Nitroaniline	ND	U	0.98	23	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.69	23	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.54	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	4-Chloroaniline	ND	U	0.89	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.83	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.72	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	4-Nitroaniline	ND	U	1.9	23	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	4-Nitrophenol	ND	U	0.78	23	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Acenaphthene	ND	U	0.59	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.44	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Anthracene	ND	U	0.72	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	0.85	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.56	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.66	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.47	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Benzoic acid	ND	U	0.37	23	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.7	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	0.77	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Carbazole	ND	U	0.64	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Chrysene	ND	U	0.94	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	0.31	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.61	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Diethylphthalate	ND	U	0.95	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.69	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Fluoranthene	ND	U	0.65	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Fluorene	ND	U	0.51	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.44	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	0.87	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	0.83	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.43	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Isophorone	ND	U	0.51	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.84	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	UJ	0.84	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.43	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Naphthalene	ND	U	0.42	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Pentachlorophenol	ND	U	0.93	23	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Phenanthrene	ND	U	0.72	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Phenol	ND	U	0.43	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	Pyrene	ND	U	0.61	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.7	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Acetone	ND	U	1.1	10	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-GW002	PBOW-08-GW-AA1-AA1GW002-A	N1	5/7/2008	16:15	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	E310.1	Alkalinity, Carbonate (as CACO3)	297		1	2	mg/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	E300	Chloride (as Cl)	22.6		0.2	0.5	mg/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW9012A	Cyanide	ND	U	6	10	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	E200.7	Hardness (as CACO3)	387		1.3	5	mg/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	E353.2	Nitrogen, Nitrate-Nitrite	ND	U	0.25	0.75	mg/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	E300	Sulfate (as SO4)	41.8		0.25	0.5	mg/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	E160.2	Suspended Solids (residue, Non-filterable)	ND	U	4	4	mg/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	E160.1	Total Dissolved Solids	462		20	20	mg/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW9060	Total Organic Carbon	1.7		0.5	1.5	mg/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	E180.1	Turbidity	4.2	J	2	40	NTU
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	U	0.076	0.38	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	U	0.076	0.38	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	U	0.076	0.38	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	U	0.099	0.38	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	U	0.099	0.38	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.11	0.38	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8330	2-Nitrotoluene	ND	U	0.076	0.38	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8330	3-Nitrotoluene	ND	U	0.11	0.38	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.076	0.38	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8330	4-Nitrotoluene	ND	U	0.076	0.38	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8330	HMX	ND	U	0.076	0.38	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8330	Nitrobenzene	ND	U	0.084	0.38	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8330	RDX	ND	U	0.076	0.38	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8330	Tetryl	ND	U	0.076	0.38	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Aluminum	ND	U	75	200	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Arsenic	ND	U	3	10	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Barium	33.9	J	5	40	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Calcium	125000		500	2000	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Cobalt	ND	U	3	12.5	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Copper	ND	UJ	4	25	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Iron	642		30	100	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Lead	ND	U	1.5	3	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Magnesium	14400		500	2000	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Manganese	430		3	15	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Nickel	3.3	J	3	10	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Potassium	2120		500	2000	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Silver	ND	U	1	10	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Sodium	6430		500	2000	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Thallium	3.5	J	3	10	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Zinc	13.1	J	5	20	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Aluminum (total)	ND	U	75	200	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Antimony (total)	ND	U	5	15	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Arsenic (total)	ND	U	3	10	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Barium (total)	37.1	J	5	40	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Beryllium (total)	ND	U	1	5	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Cadmium (total)	ND	U	1	5	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Calcium (total)	130000		500	2000	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Chromium (total)	ND	U	2	10	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Cobalt (total)	ND	U	3	12.5	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Copper (total)	ND	UJ	4	25	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Iron (total)	621		30	100	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Lead (total)	ND	U	1.5	3	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Magnesium (total)	15000		500	2000	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Manganese (total)	459		3	15	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Nickel (total)	ND	U	3	10	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Potassium (total)	2280		500	2000	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Selenium (total)	ND	U	3	5	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Silver (total)	ND	U	1	10	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Sodium (total)	6980		500	2000	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Thallium (total)	ND	U	3	10	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Vanadium (total)	ND	U	3	12.5	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW6010B	Zinc (total)	12.8	J	5	20	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.12	0.5	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.12	0.5	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.12	0.5	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.12	0.5	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.12	0.5	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.12	0.5	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.12	0.5	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.33	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	1,2-Dichlorobenzene	ND	U	0.67	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	1,3-Dichlorobenzene	ND	U	0.35	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	1,4-Dichlorobenzene	ND	U	0.5	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.46	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.68	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.41	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	0.66	4.6	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	0.79	23	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	2,4-Dinitrotoluene	ND	U	0.45	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	2,6-Dinitrotoluene	ND	U	0.61	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.55	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	2-Methylnaphthalene	ND	U	0.63	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.77	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.1	23	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.68	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.82	9.2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	3-Methylphenol	ND	U	0.71	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	3-Nitroaniline	ND	U	0.97	23	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.68	23	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.54	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	4-Chloroaniline	ND	U	0.88	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.82	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.71	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	4-Nitroaniline	ND	U	1.9	23	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	4-Nitrophenol	ND	U	0.77	23	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Acenaphthene	ND	U	0.58	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.44	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Anthracene	ND	U	0.71	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	0.84	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.56	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.66	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.46	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Benzoic acid	ND	U	0.37	23	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.69	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	0.76	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Carbazole	ND	U	0.64	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Chrysene	ND	U	0.94	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	0.3	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.6	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Diethylphthalate	ND	U	0.94	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.68	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Fluoranthene	ND	U	0.65	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Fluorene	ND	U	0.51	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.44	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	0.86	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	0.82	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.42	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Isophorone	ND	U	0.51	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.83	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	U	0.83	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.42	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Naphthalene	ND	U	0.42	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Nitrobenzene	ND	U	0.57	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Pentachlorophenol	ND	U	0.92	23	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Phenanthrene	ND	U	0.71	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Phenol	ND	U	0.42	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	Pyrene	ND	U	0.6	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.6	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	2.2	J	1.2	4.6	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	0.24	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.26	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	4	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.2	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.22	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	0.26	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	1.1	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	1.1	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.18	4	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.28	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.22	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.26	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.22	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.76	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.2	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	2.9	20	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	2-Hexanone	ND	U	0.36	10	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.7	10	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Acetone	6.2	J	3.4	20	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Benzene	9.5		0.24	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.3	4	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.24	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Bromoform	ND	U	0.26	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Bromomethane	ND	U	0.26	4	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.3	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.22	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.2	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Chloroethane	ND	U	0.28	4	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Chloroform	ND	U	0.26	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Chloromethane	ND	U	0.56	4	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Cyclohexane	290		0.24	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.28	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	0.5	4	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Ethylbenzene	22		0.7	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	6.7		0.22	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Methyl Acetate	ND	U	0.72	4	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Methylcyclohexane	110		0.24	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Methylene Chloride	2.8	J	0.46	4	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Styrene	ND	U	0.18	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.2	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.2	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Toluene	40		0.32	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	0.46	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.24	4	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.4	4	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	Xylenes, Total	260		0.94	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.28	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.16	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.3	2	ug/L
AA1-GW003	PBOW-07-GW-AA1-AA1-GW003-A	N1	11/9/2007	10:35	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.24	2	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SM2320B	Alkalinity, Total (as CaCO3)	254		1	1	mg/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SM2540D	Suspended Solids (residue, Non-filterable)	ND	U	4	4	mg/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SM2540C	Total Dissolved Solids	2410		20	20	mg/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW9060	Total Organic Carbon	1.4	J	0.5	1.5	mg/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	E300.0	Chloride (as Cl)	20		0.2	0.5	mg/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW9012A	Cyanide	ND	U	5	10	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	E200.7	Hardness (as CACO3)	340		1.3	5	mg/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	E300.0	Nitrogen, Nitrate (as N)	ND	U	0.05	0.15	mg/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	E300.0	Nitrogen, Nitrite	ND	U	0.05	0.25	mg/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	E300.0	Sulfate (as SO4)	64.2		0.25	0.5	mg/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	E180.1	Turbidity	2.3	J	1	20	NTU
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	U	0.13	0.38	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	U	0.09	0.38	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	U	0.13	0.38	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	U	0.13	0.38	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	U	0.13	0.38	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.13	0.38	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8330	2-Nitrotoluene	ND	U	0.13	0.38	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8330	3-Nitrotoluene	ND	U	0.13	0.38	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.13	0.38	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8330	4-Nitrotoluene	ND	U	0.13	0.38	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8330	HMX	ND	U	0.13	0.38	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8330	Nitrobenzene	ND	U	0.083	0.38	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8330	RDX	ND	U	0.13	0.38	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8330	Tetryl	ND	U	0.13	0.38	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Aluminum (total)	ND	U	75	200	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Antimony (total)	ND	U	5	15	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Arsenic (total)	ND	U	3	10	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Barium (total)	31	J	5	40	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Beryllium (total)	ND	U	1	5	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Cadmium (total)	ND	U	1	5	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Calcium (total)	114000		500	2000	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Chromium (total)	ND	U	2	10	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Cobalt (total)	ND	U	3	12.5	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Copper (total)	ND	U	4	25	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Iron (total)	377		30	100	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Lead (total)	ND	U	1.5	3	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Magnesium (total)	13400		500	2000	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Manganese (total)	251		3	15	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Nickel (total)	ND	U	3	10	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Potassium (total)	1830	J	500	2000	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Selenium (total)	ND	U	3	5	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Silver (total)	ND	U	1	10	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Sodium (total)	9320		500	2000	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Thallium (total)	ND	U	3	10	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Vanadium (total)	ND	U	3	12.5	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW6010C	Zinc (total)	18.8	J	5	20	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	0.12	0.46	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	0.12	0.46	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	0.12	0.46	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	0.12	0.46	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	0.12	0.46	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	0.12	0.46	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	0.12	0.46	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.35	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	1,2-Dichlorobenzene	ND	U	0.7	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.68	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	1,3-Dichlorobenzene	ND	U	0.37	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	1,4-Dichlorobenzene	ND	U	0.53	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.49	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.72	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.43	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	0.7	4.9	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	0.83	24	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.57	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.58	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	2-Methylnaphthalene	ND	U	0.67	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.81	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.2	24	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.72	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.87	9.8	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	3-Methylphenol	ND	U	0.75	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	3-Nitroaniline	ND	U	1	24	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.72	24	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.56	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.57	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	4-Chloroaniline	ND	U	0.93	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.87	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.75	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	4-Nitroaniline	ND	U	2	24	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	4-Nitrophenol	ND	U	0.81	24	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Acenaphthene	ND	U	0.62	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.46	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Anthracene	ND	U	0.75	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	0.89	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.59	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.7	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.49	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Benzoic acid	ND	U	0.39	24	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.74	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	0.8	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Carbazole	ND	U	0.68	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Chrysene	ND	U	0.99	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.3	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	0.32	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	1.7	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.64	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Diethylphthalate	ND	U	1	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.72	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Fluoranthene	ND	U	0.69	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Fluorene	ND	U	0.54	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.46	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	0.91	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	0.87	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.45	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.4	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Isophorone	ND	U	0.54	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.88	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	UJ	0.88	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.45	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Naphthalene	ND	U	0.44	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Pentachlorophenol	ND	U	0.98	24	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Phenanthrene	ND	U	0.75	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Phenol	ND	U	0.45	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	Pyrene	ND	U	0.64	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.51	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.44	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.83	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.9	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Acetone	1.3	J	1.1	10	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-GW003	PBOW-08-GW-AA1-AA1GW003-A	N1	5/7/2008	9:30	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	E310.1	Alkalinity, Carbonate (as CACO3)	518		1	2	mg/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	E300	Chloride (as Cl)	7.5		0.2	0.5	mg/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW9012A	Cyanide	ND	U	6	10	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	E200.7	Hardness (as CACO3)	2320		6.5	25	mg/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	E353.2	Nitrogen, Nitrate-Nitrite	36.3		1.3	3.8	mg/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	E300	Sulfate (as SO4)	1660		4	10	mg/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	E160.2	Suspended Solids (residue, Non-filterable)	ND	U	4	4	mg/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	E160.1	Total Dissolved Solids	3280		20	20	mg/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW9060	Total Organic Carbon	2.9		0.5	1.5	mg/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	E180.1	Turbidity	ND	U	1	20	NTU
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	U	0.08	0.4	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	U	0.08	0.4	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	U	0.08	0.4	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	U	0.1	0.4	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	U	0.1	0.4	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.12	0.4	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8330	2-Nitrotoluene	ND	U	0.08	0.4	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8330	3-Nitrotoluene	ND	U	0.12	0.4	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.08	0.4	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8330	4-Nitrotoluene	ND	U	0.08	0.4	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8330	HMX	ND	U	0.08	0.4	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8330	Nitrobenzene	ND	U	0.088	0.4	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8330	RDX	ND	U	0.08	0.4	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8330	Tetryl	ND	U	0.08	0.4	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Aluminum	ND	U	75	200	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Arsenic	ND	U	3	10	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Barium	26.4	J	5	40	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Calcium	549000		2500	10000	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Cobalt	4	J	3	12.5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Copper	ND	UJ	4	25	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Iron	ND	U	30	100	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Lead	ND	U	1.5	3	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Magnesium	210000		500	2000	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Manganese	434		3	15	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Nickel	8.7	J	3	10	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Potassium	5950		500	2000	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Silver	ND	U	1	10	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Sodium	49100		500	2000	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Thallium	ND	U	3	10	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Zinc	ND	U	5	20	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Aluminum (total)	ND	U	75	200	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Antimony (total)	ND	U	5	15	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Arsenic (total)	ND	U	3	10	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Barium (total)	26.8	J	5	40	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Beryllium (total)	ND	U	1	5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Cadmium (total)	ND	U	1	5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Calcium (total)	560000		2500	10000	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Chromium (total)	ND	U	2	10	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Cobalt (total)	3.2	J	3	12.5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Copper (total)	ND	UJ	4	25	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Iron (total)	56.5	J	30	100	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Lead (total)	ND	U	1.5	3	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Magnesium (total)	224000		500	2000	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Manganese (total)	436		3	15	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Nickel (total)	9	J	3	10	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Potassium (total)	6280		500	2000	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Selenium (total)	ND	U	3	5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Silver (total)	ND	U	1	10	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Sodium (total)	51900		500	2000	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Thallium (total)	ND	U	3	10	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Vanadium (total)	ND	U	3	12.5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Zinc (total)	ND	U	5	20	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.12	0.5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.12	0.5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.12	0.5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.12	0.5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.12	0.5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.12	0.5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.12	0.5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.35	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	1,2-Dichlorobenzene	ND	U	0.7	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.68	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	1,3-Dichlorobenzene	ND	U	0.37	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	1,4-Dichlorobenzene	ND	U	0.53	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.49	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.72	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.43	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	0.7	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	0.83	24	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2,4-Dinitrotoluene	ND	U	0.48	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2,6-Dinitrotoluene	ND	U	0.65	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.57	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.58	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2-Methylnaphthalene	ND	U	0.67	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.81	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.2	24	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.72	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.87	9.8	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	3-Methylphenol	ND	U	0.75	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	3-Nitroaniline	ND	U	1	24	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.72	24	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.56	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.57	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	4-Chloroaniline	ND	U	0.93	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.87	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.75	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	4-Nitroaniline	ND	U	2	24	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	4-Nitrophenol	ND	U	0.81	24	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Acenaphthene	ND	U	0.62	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.46	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Anthracene	ND	U	0.75	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	0.89	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.59	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.7	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.49	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Benzoic acid	ND	U	0.39	24	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.74	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	0.8	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Carbazole	ND	U	0.68	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Chrysene	ND	U	0.99	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.3	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	0.32	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	1.7	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.64	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Diethylphthalate	ND	U	1	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.72	4.9	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Fluoranthene	ND	U	0.69	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Fluorene	ND	U	0.54	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.46	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	0.91	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	0.87	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.45	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.4	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Isophorone	ND	U	0.54	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.88	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	U	0.88	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.45	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Naphthalene	ND	U	0.44	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Nitrobenzene	ND	U	0.61	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Pentachlorophenol	ND	U	0.98	24	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Phenanthrene	ND	U	0.75	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Phenol	ND	U	0.45	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Pyrene	ND	U	0.64	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.51	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.44	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.83	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.9	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	0.12	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.13	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.11	2	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.1	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.11	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	0.13	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.57	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.57	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.09	2	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.14	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.11	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.13	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.11	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.38	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.1	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	10	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	2-Hexanone	ND	U	0.18	5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.35	5	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Acetone	ND	U	1.7	10	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Benzene	ND	U	0.12	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.15	2	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.12	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Bromoform	ND	U	0.13	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Bromomethane	ND	U	0.13	2	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.15	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.11	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.1	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Chloroethane	ND	U	0.14	2	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Chloroform	ND	U	0.13	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Chloromethane	0.32	J	0.28	2	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Cyclohexane	ND	U	0.12	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.14	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	0.25	2	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Ethylbenzene	ND	U	0.35	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.11	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Methyl Acetate	ND	U	0.36	2	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Methylcyclohexane	ND	U	0.12	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Methylene Chloride	ND	U	0.23	2	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Styrene	ND	U	0.09	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.1	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.1	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Toluene	ND	U	0.16	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	0.23	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.12	2	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.2	2	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Xylenes, Total	ND	U	0.47	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.14	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.08	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.15	1	ug/L
AA1-GW004	PBOW-07-AA1-AA1-GW004-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.12	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SM2320B	Alkalinity, Total (as CaCO3)	305		1	1	mg/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SM2540D	Suspended Solids (residue, Non-filterable)	ND	U	4	4	mg/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SM2540C	Total Dissolved Solids	1080		20	20	mg/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW9060	Total Organic Carbon	4.5		0.5	1.5	mg/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	E300.0	Chloride (as Cl)	1.2		0.2	0.5	mg/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW9012A	Cyanide	ND	U	5	10	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	E200.7	Hardness (as CACO3)	725		1.3	5	mg/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	E300.0	Nitrogen, Nitrate (as N)	4.2		0.05	0.15	mg/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	E300.0	Nitrogen, Nitrite	ND	U	0.05	0.25	mg/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	E300.0	Sulfate (as SO4)	483		2.5	5	mg/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	E180.1	Turbidity	ND	U	1	20	NTU
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	U	0.13	0.38	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	U	0.09	0.38	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	U	0.13	0.38	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	U	0.13	0.38	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	U	0.13	0.38	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.13	0.38	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8330	2-Nitrotoluene	ND	U	0.13	0.38	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8330	3-Nitrotoluene	ND	U	0.13	0.38	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.13	0.38	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8330	4-Nitrotoluene	ND	U	0.13	0.38	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8330	HMX	ND	U	0.13	0.38	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8330	Nitrobenzene	ND	U	0.083	0.38	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8330	RDX	ND	U	0.13	0.38	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8330	Tetryl	ND	U	0.13	0.38	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Aluminum (total)	ND	U	75	200	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Antimony (total)	ND	U	5	15	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Arsenic (total)	ND	U	3	10	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Barium (total)	32.8	J	5	40	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Beryllium (total)	ND	U	1	5	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Cadmium (total)	ND	U	1	5	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Calcium (total)	228000		500	2000	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Chromium (total)	ND	U	2	10	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Cobalt (total)	ND	U	3	12.5	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Copper (total)	ND	U	4	25	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Iron (total)	ND	U	30	100	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Lead (total)	ND	U	1.5	3	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Magnesium (total)	38000		500	2000	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Manganese (total)	85.9		3	15	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Nickel (total)	4.5	J	3	10	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Potassium (total)	14800		500	2000	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Selenium (total)	ND	U	3	5	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Silver (total)	ND	U	1	10	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Sodium (total)	30000		500	2000	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Thallium (total)	ND	U	3	10	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Vanadium (total)	ND	U	3	12.5	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW6010C	Zinc (total)	ND	U	5	20	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	0.12	0.5	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	0.12	0.5	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	0.12	0.5	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	0.12	0.5	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	0.12	0.5	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	0.12	0.5	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	0.12	0.5	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.66	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.48	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.7	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.42	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	0.68	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	0.82	24	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.56	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.57	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	2-Methylnaphthalene	ND	U	0.65	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.8	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.1	24	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.71	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.86	9.6	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	3-Methylphenol	ND	U	0.74	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	3-Nitroaniline	ND	U	1	24	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.71	24	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.55	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.56	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	4-Chloroaniline	ND	U	0.91	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.86	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.74	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	4-Nitroaniline	ND	U	2	24	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	4-Nitrophenol	ND	U	0.8	24	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Acenaphthene	ND	U	0.6	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.45	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Anthracene	ND	U	0.74	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	0.88	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.58	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.68	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.48	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Benzoic acid	ND	U	0.38	24	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.72	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	0.79	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Carbazole	ND	U	0.66	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Chrysene	ND	U	0.97	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	0.32	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.62	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Diethylphthalate	ND	U	0.98	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.71	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Fluoranthene	ND	U	0.67	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Fluorene	ND	U	0.53	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.45	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	0.89	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	0.86	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.44	4.8	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.4	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Isophorone	ND	U	0.53	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.86	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	UJ	0.86	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.44	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Naphthalene	ND	U	0.43	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Pentachlorophenol	ND	U	0.96	24	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Phenanthrene	ND	U	0.74	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Phenol	ND	U	0.44	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	Pyrene	ND	U	0.62	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.5	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.43	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.82	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.35	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.69	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.36	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.52	4.8	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Acetone	2	J	1.1	10	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Bromomethane	ND	UJ	0.33	2	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-GW004	PBOW-08-GW-AA1-AA1GW004-A	N1	5/4/2008	16:30	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	E310.1	Alkalinity, Carbonate (as CACO3)	363		1	2	mg/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	E300	Chloride (as Cl)	4.3		0.2	0.5	mg/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	E353.2	Nitrogen, Nitrate-Nitrite	0.46	J	0.25	0.75	mg/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	E300	Sulfate (as SO4)	187		0.25	0.5	mg/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	E160.2	Suspended Solids (residue, Non-filterable)	463		4	4	mg/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	E160.1	Total Dissolved Solids	726		20	20	mg/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW9060	Total Organic Carbon	8.4		0.5	1.5	mg/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	E200.7	Hardness (as CACO3)	578		1.3	5	mg/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	E180.1	Turbidity	53		2	40	NTU
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Aluminum (total)	3470		75	200	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Antimony (total)	ND	U	5	15	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Arsenic (total)	6.1	J	3	10	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Barium (total)	80.1		5	40	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Beryllium (total)	ND	U	1	5	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Cadmium (total)	ND	U	1	5	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Calcium (total)	177000		500	2000	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Chromium (total)	7.2	J	2	10	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Cobalt (total)	6.6	J	3	12.5	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Copper (total)	ND	UJ	4	25	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Iron (total)	10800		30	100	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Lead (total)	5.1		1.5	3	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Magnesium (total)	33100		500	2000	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Manganese (total)	5550		3	15	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Nickel (total)	15.8		3	10	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Potassium (total)	4830		500	2000	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Selenium (total)	ND	U	3	5	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Silver (total)	ND	U	1	10	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Sodium (total)	5120		500	2000	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Thallium (total)	ND	U	3	10	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Vanadium (total)	8.8	J	3	12.5	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW6010B	Zinc (total)	17.7	J	5	20	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	0.12	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.13	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.11	2	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.1	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.11	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	0.13	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.57	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.57	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.09	2	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.14	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.11	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.13	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.11	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.38	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.1	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	10	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	2-Hexanone	ND	U	0.18	5	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.35	5	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Acetone	4.1	J	1.7	10	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Benzene	ND	U	0.12	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.15	2	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.12	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Bromoform	ND	U	0.13	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Bromomethane	ND	U	0.13	2	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.15	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.11	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.1	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Chloroethane	ND	U	0.14	2	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Chloroform	ND	U	0.13	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Chloromethane	ND	U	0.28	2	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Cyclohexane	ND	U	0.12	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.14	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	0.25	2	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Ethylbenzene	ND	U	0.35	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.11	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Methyl Acetate	ND	U	0.36	2	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Methylcyclohexane	ND	U	0.12	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Methylene Chloride	ND	U	0.23	2	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Styrene	ND	U	0.09	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.1	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.1	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Toluene	ND	U	0.16	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	0.23	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.12	2	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.2	2	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	Xylenes, Total	ND	U	0.47	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.14	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.08	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.15	1	ug/L
AA1-GW005	PBOW-07-GW-AA1-AA1-GW005-A	N1	11/9/2007	15:00	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.12	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SM2320B	Alkalinity, Total (as CaCO3)	168	J	1	1	mg/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SM2540D	Suspended Solids (residue, Non-filterable)	19.6		4	4	mg/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SM2540C	Total Dissolved Solids	356		20	20	mg/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW9060	Total Organic Carbon	3.1		0.5	1.5	mg/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	E300.0	Chloride (as Cl)	1.8		0.2	0.5	mg/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW9012A	Cyanide	ND	U	5	10	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	E200.7	Hardness (as CACO3)	271		1.3	5	mg/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	E300.0	Nitrogen, Nitrate (as N)	0.23		0.05	0.15	mg/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	E300.0	Nitrogen, Nitrite	ND	U	0.05	0.25	mg/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	E300.0	Sulfate (as SO4)	120		0.25	0.5	mg/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	E180.1	Turbidity	1.7	J	1	20	NTU
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	U	0.13	0.37	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	U	0.09	0.37	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	U	0.13	0.37	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	U	0.13	0.37	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	U	0.13	0.37	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.13	0.37	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8330	2-Nitrotoluene	ND	U	0.13	0.37	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8330	3-Nitrotoluene	ND	U	0.13	0.37	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.13	0.37	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8330	4-Nitrotoluene	ND	U	0.13	0.37	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8330	HMX	ND	U	0.13	0.37	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8330	Nitrobenzene	ND	U	0.082	0.37	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8330	RDX	ND	U	0.13	0.37	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8330	Tetryl	ND	U	0.13	0.37	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Aluminum (total)	120	J	75	200	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Antimony (total)	ND	U	5	15	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Arsenic (total)	ND	U	3	10	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Barium (total)	32	J	5	40	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Beryllium (total)	ND	U	1	5	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Cadmium (total)	ND	U	1	5	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Calcium (total)	84200		500	2000	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Chromium (total)	ND	U	2	10	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Cobalt (total)	ND	U	3	12.5	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Copper (total)	ND	U	4	25	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Iron (total)	567		30	100	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Lead (total)	ND	U	1.5	3	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Magnesium (total)	14700		500	2000	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Manganese (total)	521		3	15	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Nickel (total)	6.5	J	3	10	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Potassium (total)	997	J	500	2000	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Selenium (total)	ND	U	3	5	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Silver (total)	ND	U	1	10	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Sodium (total)	2600		500	2000	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Thallium (total)	ND	U	3	10	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Vanadium (total)	ND	U	3	12.5	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW6010C	Zinc (total)	25.9		5	20	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	0.12	0.47	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	0.12	0.47	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	0.12	0.47	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	0.12	0.47	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	0.12	0.47	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	0.12	0.47	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	0.12	0.47	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.66	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.48	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.7	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.42	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	0.68	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	UJ	0.82	24	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.56	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.57	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	2-Methylnaphthalene	ND	U	0.65	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.8	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.1	24	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.71	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.86	9.6	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	3-Methylphenol	ND	U	0.74	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	3-Nitroaniline	ND	U	1	24	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.71	24	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.55	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.56	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	4-Chloroaniline	ND	U	0.91	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.86	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.74	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	4-Nitroaniline	ND	U	2	24	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	4-Nitrophenol	ND	U	0.8	24	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Acenaphthene	ND	U	0.6	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.45	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Anthracene	ND	U	0.74	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	0.88	4.8	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.58	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.68	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.48	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Benzoic acid	ND	U	0.38	24	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.72	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	0.79	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Carbazole	ND	U	0.66	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Chrysene	ND	U	0.97	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	0.32	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.62	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Diethylphthalate	ND	U	0.98	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.71	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Fluoranthene	ND	U	0.67	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Fluorene	ND	U	0.53	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.45	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	0.89	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	0.86	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.44	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.4	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Isophorone	ND	U	0.53	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.86	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	UJ	0.86	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.44	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Naphthalene	ND	U	0.43	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Pentachlorophenol	ND	U	0.96	24	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Phenanthrene	ND	U	0.74	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Phenol	ND	U	0.44	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	Pyrene	ND	U	0.62	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.5	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.43	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.82	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.35	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.69	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.36	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.52	4.8	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Acetone	ND	U	1.1	10	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-GW005	PBOW-08-GW-AA1-AA1GW005-A	N1	5/8/2008	9:15	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	E310.1	Alkalinity, Carbonate (as CACO3)	344		1	2	mg/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	E300	Chloride (as Cl)	3.4		0.2	0.5	mg/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW9012A	Cyanide	ND	U	6	10	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	E200.7	Hardness (as CACO3)	452		1.3	5	mg/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	E353.2	Nitrogen, Nitrate-Nitrite	ND	U	0.25	0.75	mg/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	E300	Sulfate (as SO4)	93		0.25	0.5	mg/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	E160.2	Suspended Solids (residue, Non-filterable)	ND	U	4	4	mg/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	E160.1	Total Dissolved Solids	546		20	20	mg/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW9060	Total Organic Carbon	3.6		0.5	1.5	mg/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	E180.1	Turbidity	ND	U	1	20	NTU
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	U	0.082	0.41	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	U	0.082	0.41	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	U	0.082	0.41	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	U	0.11	0.41	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	U	0.11	0.41	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.12	0.41	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8330	2-Nitrotoluene	ND	U	0.082	0.41	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8330	3-Nitrotoluene	ND	U	0.12	0.41	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.082	0.41	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8330	4-Nitrotoluene	ND	U	0.082	0.41	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8330	HMX	ND	U	0.082	0.41	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8330	Nitrobenzene	ND	U	0.09	0.41	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8330	RDX	ND	U	0.082	0.41	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8330	Tetryl	0.46		0.082	0.41	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Aluminum	ND	U	75	200	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Arsenic	ND	U	3	10	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Barium	48.4		5	40	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Calcium	129000		500	2000	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Cobalt	ND	U	3	12.5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Copper	ND	UJ	4	25	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Iron	ND	U	30	100	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Lead	ND	U	1.5	3	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Magnesium	28100		500	2000	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Manganese	24.1		3	15	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Nickel	ND	U	3	10	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Potassium	702	J	500	2000	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Silver	ND	U	1	10	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Sodium	6790		500	2000	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Thallium	ND	U	3	10	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Zinc	ND	U	5	20	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Aluminum (total)	ND	U	75	200	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Antimony (total)	ND	U	5	15	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Arsenic (total)	ND	U	3	10	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Barium (total)	51.1		5	40	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Beryllium (total)	ND	U	1	5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Cadmium (total)	ND	U	1	5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Calcium (total)	133000		500	2000	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Chromium (total)	ND	U	2	10	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Cobalt (total)	ND	U	3	12.5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Copper (total)	ND	UJ	4	25	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Iron (total)	ND	U	30	100	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Lead (total)	1.7	J	1.5	3	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Magnesium (total)	29300		500	2000	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Manganese (total)	21.4		3	15	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Nickel (total)	ND	U	3	10	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Potassium (total)	722	J	500	2000	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Selenium (total)	ND	U	3	5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Silver (total)	ND	U	1	10	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Sodium (total)	6940		500	2000	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Thallium (total)	ND	U	3	10	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Vanadium (total)	ND	U	3	12.5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW6010B	Zinc (total)	ND	U	5	20	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.12	0.5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.12	0.5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.12	0.5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.12	0.5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.12	0.5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.12	0.5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.12	0.5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.45	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	1,2-Dichlorobenzene	ND	U	0.9	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.86	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	1,3-Dichlorobenzene	ND	U	0.48	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	1,4-Dichlorobenzene	ND	U	0.68	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.62	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.91	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.55	6.2	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	0.89	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	1.1	31	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	2,4-Dinitrotoluene	ND	U	0.61	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	2,6-Dinitrotoluene	ND	U	0.82	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.72	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.74	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	2-Methylnaphthalene	ND	U	0.85	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	1	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.5	31	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.92	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	1.1	12	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	3-Methylphenol	ND	U	0.96	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	3-Nitroaniline	ND	U	1.3	31	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.92	31	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.71	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.72	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	4-Chloroaniline	ND	U	1.2	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	1.1	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.96	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	4-Nitroaniline	ND	U	2.6	31	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	4-Nitrophenol	ND	U	1	31	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Acenaphthene	ND	U	0.79	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.59	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Anthracene	ND	U	0.96	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	1.1	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.75	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.89	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	1.8	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.62	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Benzoic acid	ND	U	0.5	31	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.94	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	1	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Carbazole	ND	U	0.86	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Chrysene	ND	U	1.3	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.6	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	0.41	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	2.1	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.81	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Diethylphthalate	ND	U	1.3	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.92	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Fluoranthene	ND	U	0.88	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Fluorene	ND	U	0.69	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.59	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	1.2	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	1.1	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.58	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.8	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Isophorone	ND	U	0.69	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	1.1	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	U	1.1	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.58	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Naphthalene	ND	U	0.56	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Nitrobenzene	ND	U	0.78	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Pentachlorophenol	ND	U	1.2	31	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Phenanthrene	ND	U	0.96	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Phenol	ND	U	0.58	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	Pyrene	ND	U	0.81	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.65	6.2	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.56	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	1.1	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.6	6.2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	1,1,1-Trichloroethane	150		0.12	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.13	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.11	2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.1	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	1,1-Dichloroethane	27		0.11	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	1,1-Dichloroethene	2.4		0.13	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.57	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.57	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.09	2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.14	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.11	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.13	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.11	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.38	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.1	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	10	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	2-Hexanone	ND	U	0.18	5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.35	5	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Acetone	2.9	J	1.7	10	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Benzene	ND	U	0.12	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.15	2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.12	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Bromoform	ND	U	0.13	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Bromomethane	ND	U	0.13	2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.15	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.11	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.1	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Chloroethane	1.6	J	0.14	2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Chloroform	ND	U	0.13	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Chloromethane	0.35	J	0.28	2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Cyclohexane	ND	U	0.12	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.14	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	0.25	2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Ethylbenzene	ND	U	0.35	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.11	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Methyl Acetate	ND	U	0.36	2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Methylcyclohexane	ND	U	0.12	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Methylene Chloride	ND	U	0.23	2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Styrene	ND	U	0.09	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.1	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.1	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Toluene	ND	U	0.16	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	0.23	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.12	2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.2	2	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	Xylenes, Total	ND	U	0.47	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.14	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.08	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.15	1	ug/L
AA1-MKMW19	PBOW-07-AA1-MKMW19	N1	11/8/2007	15:05	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.12	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SM2320B	Alkalinity, Total (as CaCO3)	279		1	1	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SM2540D	Suspended Solids (residue, Non-filterable)	ND	U	4	4	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SM2540C	Total Dissolved Solids	436		20	20	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW9060	Total Organic Carbon	2		0.5	1.5	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	E300.0	Chloride (as Cl)	2.2		0.2	0.5	mg/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW9012A	Cyanide	ND	U	5	10	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	E200.7	Hardness (as CACO3)	366		1.3	5	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	E300.0	Nitrogen, Nitrate (as N)	ND	U	0.05	0.15	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	E300.0	Nitrogen, Nitrite	ND	U	0.05	0.25	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	E300.0	Sulfate (as SO4)	76.4		0.25	0.5	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	E180.1	Turbidity	ND	U	1	20	NTU
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	U	0.089	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8330	2-Nitrotoluene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8330	3-Nitrotoluene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8330	4-Nitrotoluene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8330	HMX	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8330	Nitrobenzene	ND	U	0.081	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8330	RDX	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8330	Tetryl	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Aluminum (total)	ND	U	75	200	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Antimony (total)	ND	U	5	15	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Arsenic (total)	ND	U	3	10	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Barium (total)	35.6	J	5	40	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Beryllium (total)	ND	U	1	5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Cadmium (total)	ND	U	1	5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Calcium (total)	110000		500	2000	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Chromium (total)	ND	U	2	10	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Cobalt (total)	ND	U	3	12.5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Copper (total)	ND	U	4	25	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Iron (total)	ND	U	30	100	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Lead (total)	ND	U	1.5	3	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Magnesium (total)	21900		500	2000	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Manganese (total)	ND	U	3	15	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Nickel (total)	ND	U	3	10	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Potassium (total)	ND	U	500	2000	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Selenium (total)	ND	U	3	5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Silver (total)	ND	U	1	10	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Sodium (total)	5580		500	2000	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Thallium (total)	ND	U	3	10	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Vanadium (total)	ND	U	3	12.5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW6010C	Zinc (total)	ND	U	5	20	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	0.12	0.47	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	0.12	0.47	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	0.12	0.47	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	0.12	0.47	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	0.12	0.47	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	0.12	0.47	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	0.12	0.47	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.47	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.68	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.41	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	0.66	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	0.79	23	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.55	4.7	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	2-Methylnaphthalene	ND	U	0.64	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.78	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.1	23	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.69	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.83	9.3	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	3-Methylphenol	ND	U	0.72	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	3-Nitroaniline	ND	U	0.98	23	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.69	23	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.54	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	4-Chloroaniline	ND	U	0.89	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.83	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.72	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	4-Nitroaniline	ND	U	1.9	23	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	4-Nitrophenol	ND	U	0.78	23	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Acenaphthene	ND	U	0.59	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.44	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Anthracene	ND	U	0.72	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	0.85	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.56	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.66	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.47	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Benzoic acid	ND	U	0.37	23	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.7	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	0.77	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Carbazole	ND	U	0.64	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Chrysene	ND	U	0.94	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	0.31	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.61	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Diethylphthalate	ND	U	0.95	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.69	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Fluoranthene	ND	U	0.65	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Fluorene	ND	U	0.51	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.44	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	0.87	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	0.83	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.43	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Isophorone	ND	U	0.51	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.84	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	UJ	0.84	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.43	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Naphthalene	ND	U	0.42	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Pentachlorophenol	ND	U	0.93	23	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Phenanthrene	ND	U	0.72	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Phenol	ND	U	0.43	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	Pyrene	ND	U	0.61	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,1,1-Trichloroethane	53		0.15	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	[illegible]	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,1-Dichloroethane	8		0.15	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,1-Dichloroethene	0.59	J	0.42	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.34	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.67	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.36	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.5	4.7	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Acetone	3.5	J	1.1	10	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Bromomethane	ND	UJ	0.33	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Methylene Chloride	ND	U	0.35	5.5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-A	N1	5/5/2008	12:45	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SM2320B	Alkalinity, Total (as CaCO3)	279		1	1	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SM2540D	Suspended Solids (residue, Non-filterable)	ND	U	4	4	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SM2540C	Total Dissolved Solids	437		20	20	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW9060	Total Organic Carbon	1.8		0.5	1.5	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	E300.0	Chloride (as Cl)	2.3		0.2	0.5	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW9012A	Cyanide	ND	U	5	10	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	E200.7	Hardness (as CACO3)	364		1.3	5	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	E300.0	Nitrogen, Nitrate (as N)	ND	U	0.05	0.15	mg/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	E300.0	Nitrogen, Nitrite	ND	U	0.05	0.25	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	E300.0	Sulfate (as SO4)	77		0.25	0.5	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	E180.1	Turbidity	ND	U	1	20	NTU
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	U	0.089	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8330	2-Nitrotoluene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8330	3-Nitrotoluene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8330	4-Nitrotoluene	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8330	HMX	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8330	Nitrobenzene	ND	U	0.081	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8330	RDX	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8330	Tetryl	ND	U	0.12	0.37	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Aluminum (total)	ND	U	75	200	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Antimony (total)	ND	U	5	15	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Arsenic (total)	ND	U	3	10	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Barium (total)	35.4	J	5	40	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Beryllium (total)	ND	U	1	5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Cadmium (total)	ND	U	1	5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Calcium (total)	110000		500	2000	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Chromium (total)	ND	U	2	10	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Cobalt (total)	ND	U	3	12.5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Copper (total)	ND	U	4	25	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Iron (total)	ND	U	30	100	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Lead (total)	ND	U	1.5	3	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Magnesium (total)	21800		500	2000	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Manganese (total)	ND	U	3	15	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Nickel (total)	ND	U	3	10	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Potassium (total)	ND	U	500	2000	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Selenium (total)	ND	U	3	5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Silver (total)	ND	U	1	10	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Sodium (total)	5770		500	2000	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Thallium (total)	ND	U	3	10	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Vanadium (total)	ND	U	3	12.5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW6010C	Zinc (total)	ND	U	5	20	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	0.12	0.46	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	0.12	0.46	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	0.12	0.46	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	0.12	0.46	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	0.12	0.46	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	0.12	0.46	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	0.12	0.46	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.77	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.56	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.81	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.49	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	0.79	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	0.94	28	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.64	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.66	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	2-Methylnaphthalene	ND	U	0.76	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.92	5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.3	8	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.82	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.99	11	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	3-Methylphenol	ND	U	0.86	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	3-Nitroaniline	ND	U	1.2	28	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.82	28	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.63	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.64	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	4-Chloroaniline	ND	U	1	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.99	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.86	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	4-Nitroaniline	ND	U	2.3	28	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	4-Nitrophenol	ND	U	0.92	28	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Acenaphthene	ND	U	0.7	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.52	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Anthracene	ND	U	0.86	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	1	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.67	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.79	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	1.6	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.56	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Benzoic acid	ND	U	0.44	28	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.83	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	0.91	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Carbazole	ND	U	0.77	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Chrysene	ND	U	1.1	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.4	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	0.37	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	1.9	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.72	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Diethylphthalate	ND	U	1.1	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.82	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Fluoranthene	ND	U	0.78	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Fluorene	ND	U	0.61	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.52	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	1	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	0.99	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.51	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.6	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Isophorone	ND	U	0.61	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	1	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	UJ	1	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.51	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Naphthalene	ND	U	0.5	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Pentachlorophenol	ND	U	1.1	28	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Phenanthrene	ND	U	0.86	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Phenol	ND	U	0.51	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	Pyrene	ND	U	0.72	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.58	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.5	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.94	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.4	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,1,1-Trichloroethane	49		0.15	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,1-Dichloroethane	7.6		0.15	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,1-Dichloroethene	0.66	J	0.42	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.4	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.8	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.42	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.6	5.6	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Acetone	2.5	J	1.1	10	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Bromomethane	ND	UJ	0.33	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-D	FD1	5/5/2008	12:45	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	100	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	U	100	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	100	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	130	J	130	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	U	130	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	150	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	U	100	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	U	150	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	100	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	U	100	[illegible]	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8330	HMX	ND	U	100	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8330	Nitrobenzene	ND	U	110	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8330	RDX	ND	U	100	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8330	Tetryl	ND	U	100	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Aluminum	7450		11.4	45.7	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Antimony	ND	UJ	2.3	13.7	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Arsenic	9.1		0.34	1.14	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Barium	88.8		1.14	45.7	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Beryllium	0.34	J	0.23	1.14	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Cadmium	0.76	J	0.23	1.14	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Calcium	166000		5720	28600	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Chromium	11		1.14	2.29	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Cobalt	3.1	J	1.14	11.4	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Copper	8.3		1.14	5.7	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Iron	14400		11.4	22.9	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Lead	12.2	J	0.34	0.69	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Magnesium	9930		229	1140	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Manganese	490		1.14	3.42	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Nickel	9.9		1.14	9.14	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Potassium	1270		229	1140	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.69	1.14	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Silver	ND	U	0.23	2.29	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Sodium	263	J	229	1140	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.46	0.57	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Vanadium	20.3		1.14	11.4	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW6010B	Zinc	54.6		2.28	4.57	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW7471A	Mercury	0.016	J	0.014	0.035	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.8	19	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.8	19	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.8	19	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.8	19	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.8	19	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	4900		120	480	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	8100		120	480	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	29	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	44	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	30	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	45	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	48	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	30	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	40	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	21	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	24	1500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	150	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	27	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	43	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	U	36	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	UJ	46	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	100	J	40	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	44	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	U	36	1500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	UJ	25	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	36	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	UJ	31	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	U	54	1500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	25	1500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	29	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	32	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	U	54	380	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	35	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	30	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	U	110	1500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	UJ	92	1500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Acenaphthene	ND	U	30	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	U	22	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Anthracene	ND	U	31	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	ND	U	41	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	U	26	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	36	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	80	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	45	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Benzoic acid	ND	UJ	22	1500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	UJ	51	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	U	34	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Carbazole	ND	U	41	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Chrysene	ND	U	35	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	U	34	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	U	30	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	68	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	U	28	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	U	760	760	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	U	35	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Fluoranthene	ND	U	61	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Fluorene	ND	U	30	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	U	39	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	U	37	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	70	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	U	45	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	52	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Isophorone	ND	UJ	32	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	62	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	110	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	36	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Naphthalene	ND	U	37	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	U	39	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	UJ	38	1500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Phenanthrene	ND	U	26	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Phenol	ND	UJ	41	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	Pyrene	ND	U	45	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	35	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	46	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	58	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	41	380	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	1.1	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.51	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.66	12	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.42	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.64	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.4	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.5	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.21	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.4	12	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.51	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.44	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.55	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.55	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	1	6	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.66	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.7	60	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	2-Hexanone	ND	U	2.7	30	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.69	30	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Acetone	ND	U	24	60	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Benzene	1.3	J	0.56	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.5	12	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.36	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Bromoform	ND	U	1.2	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	0.86	12	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Carbon Disulfide	3.4	J	1.5	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	1	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	3	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	1.3	12	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.66	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.62	12	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Cyclohexane	6.4		0.64	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.4	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.3	12	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	0.89	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	1	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	1.9	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Methylcyclohexane	9.2		0.36	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.74	12	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.42	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.38	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	1.2	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Toluene	ND	U	2.3	6.6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	1	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	1.1	12	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	1.3	12	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	Xylenes, Total	3.3	J	0.83	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.4	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.6	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.3	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-0.5'-1.5'	N1	4/18/2007	15:30	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.38	6	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	83	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	U	83	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	83	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	U	110	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	U	110	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	120	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	2-Nitrotoluene	ND	U	83	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	3-Nitrotoluene	ND	U	120	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	83	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	4-Nitrotoluene	ND	U	83	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	HMX	ND	U	83	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	Nitrobenzene	ND	U	92	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	RDX	ND	U	83	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	Tetryl	ND	U	83	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Aluminum	16400		12.9	51.5	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Antimony	ND	UJ	5.2	30.9	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Arsenic	22.4		0.77	2.6	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Barium	83.1		1.29	51.5	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Beryllium	0.92	J	0.39	1.29	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Cadmium	ND	U	0.52	2.6	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Calcium	10600		258	1290	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Chromium	23.5		1.29	2.58	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Cobalt	13.4	J	2.6	25.8	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Copper	31		1.29	6.43	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Iron	34900		25.8	51.5	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Lead	17.7	J	0.77	1.5	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Magnesium	5890		258	1290	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Manganese	922		2.6	7.7	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Nickel	32.4		2.6	20.6	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Potassium	2210		258	1290	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Selenium	ND	U	1.5	2.6	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Silver	ND	U	0.26	2.6	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Sodium	ND	U	258	1290	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Thallium	ND	U	0.9	1.3	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Vanadium	44.6		2.6	25.8	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Zinc	68.5		5.2	10.3	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW7471A	Mercury	0.025	J	0.014	0.036	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	5.2	21	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5.2	21	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5.2	21	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	5.2	21	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	5.2	21	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	U	5.2	21	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	ND	U	5.2	21	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	33	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	50	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	34	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	50	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	54	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	34	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	44	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	24	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	27	1700	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	170	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	30	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	48	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2-Chloronaphthalene	ND	U	40	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2-Chlorophenol	ND	UJ	52	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2-Methylnaphthalene	ND	U	44	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	49	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2-Nitroaniline	ND	U	40	1700	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2-Nitrophenol	ND	UJ	28	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	40	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	3-Methylphenol	ND	UJ	34	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	3-Nitroaniline	ND	U	60	1700	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	28	1700	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	33	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	35	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	4-Chloroaniline	ND	U	60	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	39	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	34	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	4-Nitroaniline	ND	U	130	1700	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	4-Nitrophenol	ND	UJ	100	1700	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Acenaphthene	ND	U	33	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Acenaphthylene	ND	U	25	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Anthracene	ND	U	34	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Benzo(a)anthracene	ND	U	46	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Benzo(a)pyrene	ND	U	29	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	40	[illegible]0	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	89	[illegible].0	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	50	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Benzoic acid	ND	UJ	25	1700	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Benzyl alcohol	ND	UJ	57	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Butylbenzylphthalate	ND	U	38	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Carbazole	ND	U	46	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Chrysene	ND	U	39	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Di-n-butylphthalate	ND	U	38	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Di-n-octylphthalate	ND	U	34	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	76	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Dibenzofuran	ND	U	31	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Diethylphthalate	ND	U	840	840	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Dimethylphthalate	ND	U	38	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Fluoranthene	ND	U	68	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Fluorene	ND	U	33	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Hexachlorobenzene	ND	U	44	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Hexachlorobutadiene	ND	U	41	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	77	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Hexachloroethane	ND	U	50	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	58	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Isophorone	ND	UJ	36	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	69	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	120	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	40	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Naphthalene	ND	U	41	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Nitrobenzene	ND	U	44	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Pentachlorophenol	ND	UJ	43	1700	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Phenanthrene	ND	U	29	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Phenol	ND	UJ	46	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Pyrene	ND	U	50	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	39	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	52	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	65	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	120	J	46	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.92	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.44	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.56	10	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.36	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.55	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.43	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.44	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.38	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.47	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.47	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.85	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.56	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	51	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.3	25	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.64	25	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Acetone	ND	U	16	51	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Benzene	ND	U	0.48	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.43	10	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.3	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Bromoform	ND	U	1	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Bromomethane	ND	U	0.73	10	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.3	5.1	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.9	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Chlorobenzene	ND	U	2.5	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Chloroethane	ND	U	1.1	10	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Chloroform	ND	U	0.56	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Chloromethane	ND	U	0.53	10	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Cyclohexane	ND	U	0.55	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.34	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.76	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.9	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.6	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Methylcyclohexane	ND	U	0.3	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.63	10	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Styrene	ND	U	0.36	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.32	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.99	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Toluene	ND	U	0.88	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.86	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.97	10	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Vinyl chloride	ND	U	1.1	10	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Xylenes, Total	ND	U	0.71	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.51	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-A-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.32	5.1	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	100	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	U	100	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	100	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	U	130	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	U	130	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	150	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8330	2-Nitrotoluene	ND	U	100	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8330	3-Nitrotoluene	ND	U	150	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	100	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8330	4-Nitrotoluene	ND	U	100	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8330	HMX	ND	U	100	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8330	Nitrobenzene	ND	U	110	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8330	RDX	ND	U	100	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8330	Tetryl	ND	U	100	500	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Aluminum	12700		12.8	51	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Antimony	ND	UJ	2.6	15.3	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Arsenic	8.3		0.38	1.3	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Barium	60.5		1.3	51	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Beryllium	0.65	J	0.26	1.3	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Cadmium	0.42	J	0.26	1.3	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Calcium	4180		255	1280	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Chromium	17.2		1.3	2.6	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Cobalt	8.7	J	1.3	12.8	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Copper	14.3		1.3	6.4	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Iron	23600		12.8	25.5	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Lead	9.6	J	0.383	0.765	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Magnesium	2560		255	1280	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Manganese	330		1.3	3.8	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Nickel	19.2		1.3	10.2	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Potassium	1240	J	255	1280	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Selenium	ND	U	0.77	1.3	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Silver	ND	U	0.26	5	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Sodium	ND	U	255	80	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Thallium	ND	U	0.45	0.64	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Vanadium	30.8		1.3	12.8	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW6010B	Zinc	45.1		2.6	5.1	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW7471A	Mercury	0.023	J	0.015	0.037	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	5.3	21	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5.3	21	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5.3	21	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	5.3	21	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	5.3	21	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	U	5.3	21	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	ND	U	5.3	21	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	32	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	49	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	34	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	50	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	53	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	34	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	44	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	U	24	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	U	27	1700	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	U	170	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	30	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	48	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	2-Chloronaphthalene	ND	U	40	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	2-Chlorophenol	ND	U	51	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	2-Methylnaphthalene	ND	U	44	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	48	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	2-Nitroaniline	ND	U	40	1700	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	2-Nitrophenol	ND	U	28	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	40	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	3-Methylphenol	ND	U	34	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	3-Nitroaniline	ND	U	59	1700	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	27	1700	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	32	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	35	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	4-Chloroaniline	ND	U	60	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	39	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	33	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	4-Nitroaniline	ND	U	130	1700	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	4-Nitrophenol	ND	U	100	1700	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Acenaphthene	ND	U	33	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Acenaphthylene	ND	U	25	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Anthracene	ND	U	34	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Benzo(a)anthracene	ND	U	46	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Benzo(a)pyrene	ND	U	29	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	40	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	88	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	49	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Benzoic acid	140	J	24	1700	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Benzyl alcohol	ND	U	56	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Butylbenzylphthalate	ND	U	37	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Carbazole	ND	U	45	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Chrysene	ND	U	39	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Di-n-butylphthalate	ND	U	38	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Di-n-octylphthalate	ND	U	34	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	76	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Dibenzofuran	ND	U	31	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Diethylphthalate	ND	U	840	840	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Dimethylphthalate	ND	U	38	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Fluoranthene	ND	U	67	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Fluorene	ND	U	33	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Hexachlorobenzene	ND	U	44	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Hexachlorobutadiene	ND	U	41	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	77	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Hexachloroethane	ND	U	49	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	58	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Isophorone	ND	U	36	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	69	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	120	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	40	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Naphthalene	ND	U	41	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Nitrobenzene	ND	U	43	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Pentachlorophenol	ND	U	42	1700	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Phenanthrene	ND	U	29	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Phenol	ND	U	45	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	Pyrene	ND	U	50	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	39	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	51	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	64	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	45	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.99	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.47	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.61	11	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.39	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.6	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.3	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.46	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.2	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.3	11	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.47	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.41	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.51	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.51	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.93	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.61	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	2.7	J	1.5	55	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.5	28	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.64	28	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Acetone	ND	U	18	55	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Benzene	ND	U	0.52	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.46	11	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.33	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Bromoform	ND	U	1.1	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Bromomethane	ND	U	0.79	11	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Carbon Disulfide	4	J	1.4	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.97	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Chlorobenzene	ND	U	2.8	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Chloroethane	ND	U	1.2	11	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Chloroform	ND	U	0.61	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Chloromethane	ND	U	0.57	11	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Cyclohexane	ND	U	0.6	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.38	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.2	11	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.83	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.97	[illegible]	ug/Kg
AA1-SB16	BOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.8	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Methylcyclohexane	ND	U	0.33	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.68	11	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Styrene	ND	U	0.39	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.35	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	1.1	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Toluene	ND	U	0.95	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.94	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	1	11	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Vinyl chloride	ND	U	1.2	11	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	Xylenes, Total	ND	U	0.77	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.3	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.55	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.2	5.5	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB-16-D-3'-5'	FD1	4/18/2007	15:40	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.35	5.5	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	130	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	130	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	150	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	UJ	150	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8330	HMX	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8330	Nitrobenzene	ND	UJ	110	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8330	RDX	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8330	Tetryl	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Aluminum	4650		12.5	50	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Antimony	ND	UJ	2.5	15	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Arsenic	4.5		0.38	1.3	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Barium	44	J	1.3	50	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Beryllium	0.26	J	0.25	1.3	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Cadmium	0.48	J	0.25	1.3	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Calcium	122000		2500	12500	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Chromium	8.2		1.3	2.5	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Cobalt	1.5	J	1.3	12.5	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Copper	26.3		1.3	6.3	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Iron	12100		12.5	25	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	**Lead**	**187**	J	0.38	0.75	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Magnesium	5440		250	1250	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Manganese	157		1.3	3.8	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Nickel	6.2	J	1.3	10	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Potassium	700	J	250	1250	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.75	1.3	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Silver	ND	U	0.25	2.5	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Sodium	ND	U	250	1250	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.5	0.63	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Vanadium	14.1		1.3	12.5	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW6010B	Zinc	49.2		2.5	5	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW7471A	Mercury	0.039	J	0.015	0.038	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4.1	16	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4.1	16	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4.1	16	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4.1	16	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4.1	16	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	5400	J	82	330	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	12000	J	82	330	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	32	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	48	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	33	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	49	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	52	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	33	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	43	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	23	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	30	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	47	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	40	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	UJ	50	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	ND	UJ	43	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	48	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	UJ	40	1600	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	UJ	27	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	39	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	UJ	34	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	UJ	58	1600	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	27	1600	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	32	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	34	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	UJ	59	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	38	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	33	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	UJ	120	1600	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	UJ	100	1600	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Acenaphthene	ND	UJ	33	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Acenaphthylene	150	J	24	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Anthracene	120	J	34	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	660	J	45	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	850	J	28	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	1400	J	39	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	570	J	87	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	580	J	49	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Benzoic acid	ND	UJ	24	1600	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	UJ	56	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	37	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Carbazole	ND	UJ	45	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Chrysene	810	J	38	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	38	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	33	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	160	J	74	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	UJ	30	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	UJ	820	820	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	UJ	38	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Fluoranthene	1200	J	66	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Fluorene	ND	UJ	32	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	UJ	43	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	40	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	76	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	UJ	49	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	720	J	57	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Isophorone	ND	UJ	35	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	68	[illegible]0	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	120	[illegible]0	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	40	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Naphthalene	ND	UJ	40	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	UJ	43	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	UJ	42	1600	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Phenanthrene	580	J	28	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Phenol	45	J	44	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	Pyrene	960	J	49	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	38	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	50	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	63	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	45	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.6	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.29	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.37	6.7	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.23	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.36	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	0.8	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.28	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.12	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.8	6.7	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.29	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.25	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.31	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.31	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.56	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.37	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	0.94	33	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	1.5	17	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.39	17	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Acetone	ND	U	34	34	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Benzene	1	J	0.31	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.28	6.7	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.2	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Bromoform	ND	U	0.67	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	0.48	6.7	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Carbon Disulfide	9.4	J	0.87	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	0.59	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	1.7	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	0.74	6.7	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.37	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.35	6.7	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Cyclohexane	3.6		0.36	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.23	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	0.74	6.7	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	0.5	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.59	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	1.1	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Methylcyclohexane	4.8		0.2	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.42	6.7	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.23	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.21	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.65	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Toluene	1.7	J	0.58	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.57	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.64	6.7	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	0.74	6.7	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	Xylenes, Total	1.1	J	0.47	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	0.8	3.3	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.33	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	0.74	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-0.5'-1.5'	N1	4/19/2007	8:15	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.21	3.3	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	130	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	130	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	150	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8330	2-Nitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8330	3-Nitrotoluene	ND	UJ	150	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8330	4-Nitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8330	HMX	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8330	Nitrobenzene	ND	UJ	110	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8330	RDX	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8330	Tetryl	ND	UJ	100	500	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Aluminum	6040		12.3	49.1	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Antimony	ND	UJ	2.5	14.7	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Arsenic	4.4		0.37	1.2	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Barium	55.9		1.2	49.1	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Beryllium	ND	U	0.25	1.2	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Cadmium	ND	U	0.25	1.2	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Calcium	13300		246	1230	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Chromium	10.3		1.2	2.5	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Cobalt	1.6	J	1.2	12.3	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Copper	15		1.2	6.1	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Iron	8320		12.3	24.6	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Lead	42.8	J	0.37	0.74	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Magnesium	908	J	246	1230	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Manganese	39.9		1.2	3.7	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Nickel	5.8	J	1.2	9.8	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Potassium	711	J	246	1230	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Selenium	ND	U	0.74	1.2	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Silver	ND	U	0.25	2.5	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Sodium	ND	U	246	1230	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Thallium	ND	U	0.49	0.61	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Vanadium	15.6		1.2	12.3	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW6010B	Zinc	25.8		2.5	4.9	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW7471A	Mercury	0.022	J	0.016	0.04	mg/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4.1	16	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4.1	16	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4.1	16	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4.1	16	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4.1	16	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	910	J	41	160	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	3200	J	41	160	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	32	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	48	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	33	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	49	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	52	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	33	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	43	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	23	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	[illegible]	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	30	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection* Limit	Reporting Limit	Units
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	46	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	39	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	2-Chlorophenol	ND	UJ	50	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	2-Methylnaphthalene	ND	UJ	43	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	47	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	2-Nitroaniline	ND	UJ	39	1600	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	2-Nitrophenol	ND	UJ	27	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	39	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	3-Methylphenol	ND	UJ	33	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	3-Nitroaniline	ND	UJ	58	1600	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	27	1600	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	32	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	34	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	4-Chloroaniline	ND	UJ	59	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	38	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	32	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	4-Nitroaniline	ND	UJ	120	1600	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	4-Nitrophenol	ND	UJ	99	1600	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Acenaphthene	ND	UJ	32	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Acenaphthylene	ND	UJ	24	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Anthracene	ND	UJ	33	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Benzo(a)anthracene	ND	UJ	44	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	28	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	39	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	86	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	48	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Benzoic acid	ND	UJ	24	1600	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Benzyl alcohol	ND	UJ	55	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	36	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Carbazole	ND	UJ	44	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Chrysene	ND	UJ	38	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	37	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	33	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	74	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Dibenzofuran	ND	UJ	30	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Diethylphthalate	ND	UJ	820	820	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Dimethylphthalate	ND	UJ	37	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Fluoranthene	ND	UJ	66	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Fluorene	ND	UJ	32	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Hexachlorobenzene	ND	UJ	42	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	40	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	75	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Hexachloroethane	ND	UJ	48	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	56	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Isophorone	ND	UJ	35	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	67	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	120	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	39	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Naphthalene	ND	UJ	40	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Nitrobenzene	ND	UJ	42	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Pentachlorophenol	ND	UJ	41	1600	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Phenanthrene	ND	UJ	28	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Phenol	ND	UJ	44	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	Pyrene	ND	UJ	49	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	38	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	50	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	63	410	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	44	410	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.92	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.44	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.56	10	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.36	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.56	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.43	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.44	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.38	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.47	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.47	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.86	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.56	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	51	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.4	26	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.6	26	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Acetone	ND	U	2	51	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Benzene	1.1	J	0.48	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.43	10	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.31	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Bromoform	ND	U	1	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Bromomethane	ND	U	0.74	10	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.3	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.9	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Chlorobenzene	ND	U	2.6	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Chloroethane	ND	U	1.1	10	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Chloroform	ND	U	0.56	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Chloromethane	ND	U	0.53	10	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Cyclohexane	3.9	J	0.56	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.35	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.77	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.9	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.6	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Methylcyclohexane	5.5		0.31	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.64	10	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Styrene	ND	U	0.36	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.33	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	1	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Toluene	ND	U	2.6	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.87	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.98	10	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Vinyl chloride	ND	U	1.1	10	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	Xylenes, Total	3.3	J	0.72	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.51	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5.1	ug/Kg
AA1-SB17	PBOW-07-SO-AA1-SB-17-A-3'-5'	N1	4/19/2007	8:40	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.33	5.1	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	83	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	U	83	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	83	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	U	110	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	U	110	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	120	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	U	83	[illegible]	ug/Kg
AA1-SB18	BOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	U	120	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	83	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	U	83	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8330	HMX	ND	U	83	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8330	Nitrobenzene	ND	U	92	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8330	RDX	ND	U	83	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8330	Tetryl	ND	U	83	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Aluminum	11100		12.2	48.7	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Antimony	ND	UJ	2.4	14.6	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Arsenic	6.5		0.37	1.22	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Barium	84.2		1.22	48.7	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Beryllium	0.54	J	0.24	1.22	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Cadmium	0.62	J	0.24	1.22	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Calcium	27000		1220	6080	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Chromium	16.8		1.22	2.43	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Cobalt	5.9	J	1.22	12.2	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Copper	16.1		1.22	6.1	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Iron	18800		12.2	24.3	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Lead	148	J	0.37	0.73	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Magnesium	4910		243	1220	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Manganese	250		1.22	3.65	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Nickel	14.9		1.22	9.76	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Potassium	1290		243	1220	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.73	1.22	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Silver	ND	U	0.24	2.43	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Sodium	ND	U	243	1220	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.43	0.61	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Vanadium	25.6		1.22	12.2	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW6010B	Zinc	84		2.43	4.87	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW7471A	Mercury	0.032	J	0.015	0.038	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	5	20	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5	20	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5	20	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	5	20	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	5	20	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	6900		120	500	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	12000		120	500	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	31	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	47	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	32	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	48	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	51	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	32	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	42	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	22	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	29	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	45	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	U	38	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	UJ	49	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	ND	U	42	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	46	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	U	38	1600	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	UJ	26	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	38	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	UJ	32	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	U	56	1600	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	26	1600	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	31	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	33	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	U	57	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	37	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	32	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	U	120	1600	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	UJ	97	1600	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Acenaphthene	ND	U	32	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	U	23	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Anthracene	ND	U	32	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	ND	U	43	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	U	27	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	38	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	84	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	47	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Benzoic acid	ND	UJ	23	1600	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	UJ	54	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	U	35	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Carbazole	ND	U	43	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Chrysene	ND	U	37	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	U	36	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	U	32	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	72	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	U	29	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	U	800	800	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	U	36	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Fluoranthene	ND	U	64	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Fluorene	ND	U	31	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	U	41	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	U	39	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	73	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	U	47	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	55	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Isophorone	ND	UJ	34	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	66	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	110	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	38	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Naphthalene	ND	U	39	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	U	41	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	UJ	40	1600	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Phenanthrene	ND	U	27	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Phenol	ND	UJ	43	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	Pyrene	ND	U	48	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	37	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	49	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	61	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	43	400	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.86	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.41	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.53	9.6	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.34	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.52	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.4	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.17	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	9.6	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.41	[illegible]	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.36	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.44	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.44	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.81	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.53	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.3	48	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	2.2	24	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.56	24	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Acetone	52		1.9	48	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Benzene	ND	U	0.45	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.4	9.6	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.29	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Bromoform	ND	U	0.96	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	0.69	9.6	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Carbon Disulfide	ND	U	1.2	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	0.84	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	2.4	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	1	9.6	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.53	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.5	9.6	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Cyclohexane	ND	U	0.52	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.33	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1	9.6	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	0.72	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.84	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	1.5	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Methylcyclohexane	ND	U	0.29	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.6	9.6	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.34	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.31	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.93	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Toluene	ND	U	0.83	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.82	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.91	9.6	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	1	9.6	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	Xylenes, Total	ND	U	0.67	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.48	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-0.5'-1.5'	N1	4/18/2007	15:00	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.31	4.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	83	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	U	83	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	83	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	U	110	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	U	110	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	120	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8330	2-Nitrotoluene	ND	U	83	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8330	3-Nitrotoluene	ND	U	120	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	83	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8330	4-Nitrotoluene	ND	U	83	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8330	HMX	ND	U	83	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8330	Nitrobenzene	ND	U	92	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8330	RDX	ND	U	83	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8330	Tetryl	ND	U	83	420	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Aluminum	8360		12.1	48.5	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Antimony	ND	UJ	2.4	14.6	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Arsenic	6.8		0.36	1.21	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Barium	44.1	J	1.21	48.5	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Beryllium	0.53	J	0.24	1.21	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Cadmium	6.9		0.24	1.21	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Calcium	76000		243	1210	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Chromium	10.7		1.21	2.43	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Cobalt	10.2	J	1.21	12.1	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Copper	19.7		1.21	6.1	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Iron	16700		12.1	24.3	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Lead	4.5	J	0.36	0.73	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Magnesium	6790		243	1210	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Manganese	745		2.4	7.3	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Nickel	19.1		1.21	9.71	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Potassium	769	J	243	1210	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Selenium	ND	U	0.73	1.21	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Silver	ND	U	0.24	2.43	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Sodium	ND	U	243	1210	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Thallium	ND	U	0.42	0.61	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Vanadium	19		1.21	12.1	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW6010B	Zinc	271		2.43	4.85	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW7471A	Mercury	ND	UJ	0.015	0.037	mg/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	5	20	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5	20	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5	20	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	5	20	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	5	20	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	U	5	20	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	ND	U	5	20	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	32	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	48	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	33	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	48	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	52	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	33	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	42	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	U	23	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	U	26	1600	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	U	160	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	29	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	46	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	2-Chloronaphthalene	ND	U	39	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	2-Chlorophenol	ND	U	50	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	2-Methylnaphthalene	ND	U	42	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	47	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	2-Nitroaniline	ND	U	39	1600	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	2-Nitrophenol	ND	U	27	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	38	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	3-Methylphenol	ND	U	33	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	3-Nitroaniline	ND	U	58	1600	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	27	1600	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	32	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	34	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	4-Chloroaniline	ND	U	58	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	38	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	32	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	4-Nitroaniline	ND	U	120	1600	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	4-Nitrophenol	ND	U	99	1600	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Acenaphthene	ND	U	32	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Acenaphthylene	ND	U	24	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Anthracene	ND	U	33	[illegible]0	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Benzo(a)anthracene	ND	U	44	[illegible]0	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Benzo(a)pyrene	ND	U	28	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	38	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	86	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	48	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Benzoic acid	ND	U	24	1600	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Benzyl alcohol	ND	U	55	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Butylbenzylphthalate	ND	U	36	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Carbazole	ND	U	44	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Chrysene	ND	U	38	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Di-n-butylphthalate	ND	U	37	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Di-n-octylphthalate	ND	U	33	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	73	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Dibenzofuran	ND	U	30	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Diethylphthalate	ND	U	810	810	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Dimethylphthalate	ND	U	37	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Fluoranthene	ND	U	65	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Fluorene	ND	U	32	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Hexachlorobenzene	ND	U	42	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Hexachlorobutadiene	ND	U	40	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	75	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Hexachloroethane	ND	U	48	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	56	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Isophorone	ND	U	34	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	67	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	120	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	39	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Naphthalene	ND	U	40	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Nitrobenzene	ND	U	42	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Pentachlorophenol	ND	U	41	1600	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Phenanthrene	ND	U	28	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Phenol	ND	U	44	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	Pyrene	ND	U	48	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	38	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	50	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	62	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	44	410	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.88	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.42	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.54	9.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.34	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.53	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.41	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	9.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.42	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.36	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.45	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.45	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.83	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.54	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	49	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.3	24	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.57	24	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Acetone	ND	U	8	49	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Benzene	ND	U	0.46	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.41	9.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.3	4.9	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Bromoform	ND	U	0.98	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Bromomethane	ND	U	0.71	9.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.3	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.86	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Chlorobenzene	ND	U	2.4	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Chloroethane	ND	U	1.1	9.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Chloroform	ND	U	0.54	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Chloromethane	ND	U	0.51	9.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Cyclohexane	ND	U	0.53	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.33	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.1	9.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.74	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.86	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.6	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Methylcyclohexane	ND	U	0.3	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.61	9.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Styrene	ND	U	0.34	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.31	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.95	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Toluene	ND	U	0.84	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.84	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.93	9.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Vinyl chloride	ND	U	1.1	9.8	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	Xylenes, Total	ND	U	0.69	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.49	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	4.9	ug/Kg
AA1-SB18	PBOW-07-SO-AA1-SB-18-A-3'-5'	N1	4/18/2007	15:15	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.31	4.9	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	100	500	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	U	100	500	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	100	500	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	U	130	500	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	U	130	500	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	150	500	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	U	100	500	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	U	150	500	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	100	500	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	U	100	500	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8330	HMX	ND	U	100	500	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8330	Nitrobenzene	ND	U	110	500	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8330	RDX	ND	U	100	500	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8330	Tetryl	ND	U	100	500	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Aluminum	11300		12.3	49	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Antimony	ND	UJ	2.5	14.7	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Arsenic	8.1		0.37	1.2	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Barium	53.1		1.2	49	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Beryllium	0.57	J	0.24	1.2	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Cadmium	0.76	J	0.24	1.2	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Calcium	8290		245	1230	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Chromium	16.4		1.2	2.5	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Cobalt	7.8	J	1.2	12.3	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Copper	16.9		1.2	6.1	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Iron	19900		12.3	24.5	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Lead	19.5	J	0.37	0.74	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Magnesium	2890		245	1230	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Manganese	446		1.2	3.7	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Nickel	18.7		1.2	8	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Potassium	1220	J	245	30	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.74	1.2	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Silver	ND	U	0.25	2.5	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Sodium	ND	U	245	1230	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.43	0.61	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Vanadium	27.5		1.2	12.3	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW6010B	Zinc	84.2		2.5	4.9	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW7471A	Mercury	0.04	J	0.014	0.036	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	5.1	20	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5.1	20	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5.1	20	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	5.1	20	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	5.1	20	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	3400		100	410	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	6800		100	410	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	31	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	47	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	32	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	48	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	51	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	32	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	42	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	23	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	29	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	46	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	U	38	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	UJ	49	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	ND	U	42	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	46	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	U	38	1600	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	UJ	26	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	38	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	UJ	33	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	U	57	1600	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	31	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	33	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	U	58	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	37	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	32	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	U	120	1600	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	UJ	97	1600	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Acenaphthene	ND	U	32	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	U	24	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Anthracene	ND	U	33	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	ND	U	44	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	U	28	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	38	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	85	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	47	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Benzoic acid	ND	UJ	23	1600	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	UJ	54	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	U	36	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Carbazole	ND	U	43	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Chrysene	ND	U	37	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	U	36	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	U	32	400	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	72	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	U	29	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	U	800	800	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	U	37	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Fluoranthene	77	J	64	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Fluorene	ND	U	31	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	U	42	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	U	39	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	74	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	U	47	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	55	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Isophorone	ND	UJ	34	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	66	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	110	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	38	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Naphthalene	ND	U	39	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	U	42	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	UJ	40	1600	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Phenanthrene	ND	U	27	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Phenol	ND	UJ	43	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	Pyrene	78	J	48	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	37	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	49	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	62	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	43	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.86	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.41	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.52	9.5	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.33	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.51	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.1	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.4	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.17	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.1	9.5	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.41	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.35	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.44	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.44	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.8	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.52	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.3	48	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	2.2	24	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.55	24	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Acetone	70		1.9	48	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Benzene	0.86	J	0.45	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.4	9.5	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.28	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Bromoform	ND	U	0.95	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	0.68	9.5	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Carbon Disulfide	2.2	J	1.2	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	0.84	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	2.4	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	1	9.5	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.52	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.49	9.5	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Cyclohexane	1.4	J	0.51	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.32	8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1	.5	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	0.71	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.84	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	1.5	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Methylcyclohexane	1.9	J	0.28	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.59	9.5	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.33	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.3	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.92	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Toluene	ND	U	1.4	5.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.81	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.9	9.5	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	1	9.5	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	Xylenes, Total	ND	U	0.67	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.1	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.48	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-0.5'-1.5'	N1	4/18/2007	16:30	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.3	4.8	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	95	480	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	U	95	480	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	95	480	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	U	120	480	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	U	120	480	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	140	480	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8330	2-Nitrotoluene	ND	U	95	480	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8330	3-Nitrotoluene	ND	U	140	480	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	95	480	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8330	4-Nitrotoluene	ND	U	95	480	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8330	HMX	ND	U	95	480	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8330	Nitrobenzene	ND	U	100	480	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8330	RDX	ND	U	95	480	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8330	Tetryl	ND	U	95	480	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Aluminum	8870		12.3	49.1	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Antimony	ND	UJ	2.5	14.7	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Arsenic	6.1		0.37	1.2	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Barium	28.7	J	1.2	49.1	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Beryllium	0.5	J	0.25	1.2	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Cadmium	0.64	J	0.25	1.2	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Calcium	12900		246	1230	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Chromium	13.8		1.2	2.5	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Cobalt	5.7	J	1.2	12.3	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Copper	11		1.2	6.1	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Iron	17600		12.3	24.6	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Lead	8	J	0.37	0.74	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Magnesium	4770		246	1230	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Manganese	163		1.2	3.7	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Nickel	16.6		1.2	9.8	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Potassium	1190	J	246	1230	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Selenium	ND	U	0.74	1.2	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Silver	ND	U	0.25	2.5	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Sodium	ND	U	246	1230	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Thallium	ND	U	0.43	0.61	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Vanadium	28		1.2	12.3	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW6010B	Zinc	145		2.5	4.9	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW7471A	Mercury	0.028	J	0.015	0.037	mg/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.1	16	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.1	16	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.1	16	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.1	16	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.1	16	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	U	4.1	16	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	ND	U	4.1	16	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	31	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	47	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	32	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	48	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	51	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	32	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	42	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	23	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	29	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	46	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	2-Chloronaphthalene	ND	U	39	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	2-Chlorophenol	ND	UJ	49	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	2-Methylnaphthalene	ND	U	42	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	47	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	2-Nitroaniline	ND	U	39	1600	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	2-Nitrophenol	ND	UJ	27	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	38	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	3-Methylphenol	ND	UJ	33	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	3-Nitroaniline	ND	U	57	1600	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	31	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	34	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	4-Chloroaniline	ND	U	58	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	37	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	32	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	4-Nitroaniline	ND	U	120	1600	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	4-Nitrophenol	ND	UJ	98	1600	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Acenaphthene	ND	U	32	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Acenaphthylene	ND	U	24	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Anthracene	ND	U	33	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Benzo(a)anthracene	ND	U	44	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Benzo(a)pyrene	ND	U	28	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	38	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	85	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	48	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Benzoic acid	ND	UJ	24	1600	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Benzyl alcohol	ND	UJ	54	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Butylbenzylphthalate	ND	U	36	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Carbazole	ND	U	44	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Chrysene	ND	U	37	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Di-n-butylphthalate	ND	U	37	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Di-n-octylphthalate	ND	U	32	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	73	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Dibenzofuran	ND	U	30	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Diethylphthalate	ND	U	810	810	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Dimethylphthalate	ND	U	37	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Fluoranthene	ND	U	65	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Fluorene	ND	U	32	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Hexachlorobenzene	ND	U	42	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Hexachlorobutadiene	ND	U	40	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	74	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Hexachloroethane	ND	U	48	[illegible]	ug/Kg
AA1-SB19	[illegible]BOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	[illegible]O	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	56	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Isophorone	ND	UJ	34	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	66	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	110	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	39	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Naphthalene	ND	U	39	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Nitrobenzene	ND	U	42	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Pentachlorophenol	ND	UJ	41	1600	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Phenanthrene	ND	U	28	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Phenol	ND	UJ	44	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	Pyrene	ND	U	48	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	37	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	49	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	62	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	44	400	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	1	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.49	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.63	11	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.4	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.62	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.4	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.48	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.2	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.4	11	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.49	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.42	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.52	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.52	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.96	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.63	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.6	57	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.6	28	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.66	28	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Acetone	ND	U	11	57	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Benzene	4.9	J	0.54	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.48	11	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.34	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Bromoform	ND	U	1.1	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Bromomethane	ND	U	0.82	11	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.5	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	1	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Chlorobenzene	ND	U	2.8	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Chloroethane	ND	U	1.2	11	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Chloroform	ND	U	0.63	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Chloromethane	ND	U	0.59	11	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Cyclohexane	7.5		0.62	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.39	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.2	11	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Ethylbenzene	2.4	J	0.86	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	1	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.8	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Methylcyclohexane	9.9		0.34	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.71	11	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Styrene	ND	U	0.4	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.36	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	1.1	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Toluene	9		0.98	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.97	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	1.1	11	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Vinyl chloride	ND	U	1.2	11	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	Xylenes, Total	5.8		0.8	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.4	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.57	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.2	5.7	ug/Kg
AA1-SB19	PBOW-07-SO-AA1-SB-19-A-3'-5'	N1	4/18/2007	16:40	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.36	5.7	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	100	500	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	100	500	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	130	500	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	130	500	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	150	500	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	UJ	150	500	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8330	HMX	ND	UJ	100	500	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8330	Nitrobenzene	ND	UJ	110	500	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8330	RDX	ND	UJ	100	500	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8330	Tetryl	ND	UJ	100	500	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Aluminum	7070		12.2	48.8	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Antimony	ND	UJ	2.4	14.6	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Arsenic	8.5		0.37	1.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Barium	59.1		1.2	48.8	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Beryllium	0.33	J	0.24	1.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Cadmium	0.46	J	0.24	1.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Calcium	21000		2440	12200	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Chromium	14.2		1.2	2.4	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Cobalt	3.2	J	1.2	12.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Copper	21		1.2	6.1	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Iron	30400		12.2	24.4	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Lead	64.2		0.37	0.73	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Magnesium	2150		244	1220	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Manganese	160		1.2	3.7	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Nickel	10.7		1.2	9.8	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Potassium	2030		244	1220	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.73	1.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Silver	ND	U	0.24	2.4	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Sodium	503	J	244	1220	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.43	0.61	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Vanadium	35.2		1.2	12.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW6010B	Zinc	44.2		2.4	4.9	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW7471A	Mercury	0.022	J	0.016	0.039	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	3200	J	80	320	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	7600	J	80	320	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	31	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	47	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	32	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	48	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	51	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	32	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	42	[illegible]	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	23	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	29	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	45	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	38	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	UJ	49	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	ND	UJ	42	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	46	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	UJ	38	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	UJ	26	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	38	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	UJ	33	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	UJ	57	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	31	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	33	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	UJ	57	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	37	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	32	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	UJ	120	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	UJ	97	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Acenaphthene	ND	UJ	32	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	UJ	24	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Anthracene	ND	UJ	33	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	ND	UJ	44	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	27	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	38	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	85	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	47	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Benzoic acid	ND	UJ	23	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	UJ	54	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	36	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Carbazole	ND	UJ	43	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Chrysene	ND	UJ	37	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	36	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	32	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	72	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	UJ	29	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	UJ	800	800	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	UJ	37	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Fluoranthene	ND	UJ	64	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Fluorene	ND	UJ	31	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	UJ	42	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	39	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	74	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	UJ	47	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	55	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Isophorone	ND	UJ	34	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	66	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	110	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	38	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Naphthalene	ND	UJ	39	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	UJ	42	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	UJ	40	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Phenanthrene	ND	UJ	27	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Phenol	ND	UJ	43	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	Pyrene	ND	UJ	48	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	37	400	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	49	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	62	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	43	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	1.2	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.59	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.76	14	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.48	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.75	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.6	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.58	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	0.48	J	0.25	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.6	14	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.59	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.51	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.64	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.64	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	1.2	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.76	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.9	69	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	2-Hexanone	ND	U	3.2	34	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.8	34	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Acetone	90		2.8	69	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Benzene	2.2	J	0.65	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.58	14	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.41	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Bromoform	ND	U	1.4	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	1	14	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Carbon Disulfide	24	J	1.8	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	1.2	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	3.4	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	1.5	14	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.76	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.72	14	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Cyclohexane	8.5		0.75	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.47	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.5	14	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Ethylbenzene	1.2	J	1	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	1.2	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	2.2	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Methylcyclohexane	10		0.41	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.86	14	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.48	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.44	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	1.3	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Toluene	ND	U	4.4	8.3	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	1.2	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	1.3	14	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	1.5	14	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	Xylenes, Total	4.8	J	0.97	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.6	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.69	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.5	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-0.5'-1.5'	N1	4/19/2007	8:50	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.44	6.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	95	480	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	95	480	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	95	480	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	120	[illegible]0	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	120	[illegible]0	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	140	480	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	2-Nitrotoluene	ND	UJ	95	480	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	3-Nitrotoluene	ND	UJ	140	480	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	95	480	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	4-Nitrotoluene	ND	UJ	95	480	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	HMX	ND	UJ	95	480	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	Nitrobenzene	ND	UJ	100	480	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	RDX	ND	UJ	95	480	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	Tetryl	ND	UJ	95	480	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Aluminum	13300		12.2	48.8	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Antimony	ND	UJ	2.4	14.6	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Arsenic	5.3		0.37	1.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Barium	46.9	J	1.2	48.8	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Beryllium	0.8	J	0.24	1.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Cadmium	0.31	J	0.24	1.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Calcium	2820		244	1220	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Chromium	14.2		1.2	2.4	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Cobalt	6	J	1.2	12.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Copper	11.4		1.2	6.1	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Iron	14100		12.2	24.4	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Lead	9.8	J	0.37	0.73	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Magnesium	1440		244	1220	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Manganese	83.4		1.2	3.7	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Nickel	17.4		1.2	9.8	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Potassium	768	J	244	1220	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Selenium	ND	U	0.73	1.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Silver	ND	U	0.24	2.4	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Sodium	ND	U	244	1220	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Thallium	ND	U	0.43	0.61	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Vanadium	24.2		1.2	12.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Zinc	65.7		2.4	4.9	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW7471A	Mercury	0.028	J	0.014	0.036	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	5.1	J	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	30	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	46	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	31	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	47	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	50	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	31	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	41	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	22	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	25	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	28	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	44	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	38	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2-Chlorophenol	ND	UJ	48	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2-Methylnaphthalene	ND	UJ	41	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	45	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2-Nitroaniline	ND	UJ	38	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2-Nitrophenol	ND	UJ	26	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	37	390	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	*Detection Limit	Reporting Limit	Units
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	3-Methylphenol	ND	UJ	32	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	3-Nitroaniline	ND	UJ	56	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	30	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	33	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	4-Chloroaniline	ND	UJ	56	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	36	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	31	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	4-Nitroaniline	ND	UJ	120	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	4-Nitrophenol	ND	UJ	95	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Acenaphthene	ND	UJ	31	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Acenaphthylene	ND	UJ	23	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Anthracene	ND	UJ	32	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Benzo(a)anthracene	65	J	43	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Benzo(a)pyrene	72	J	27	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	37	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	83	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	46	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Benzoic acid	ND	UJ	23	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Benzyl alcohol	ND	UJ	53	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	35	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Carbazole	ND	UJ	42	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Chrysene	90	J	36	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	36	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	32	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	71	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Dibenzofuran	ND	UJ	29	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Diethylphthalate	ND	UJ	780	780	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Dimethylphthalate	ND	UJ	36	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Fluoranthene	130	J	63	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Fluorene	ND	UJ	31	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Hexachlorobenzene	ND	UJ	41	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	38	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	72	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Hexachloroethane	ND	UJ	46	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	54	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Isophorone	ND	UJ	33	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	64	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	110	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	38	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Naphthalene	ND	UJ	38	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Nitrobenzene	ND	UJ	41	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Pentachlorophenol	ND	UJ	40	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Phenanthrene	76	J	27	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Phenol	ND	UJ	42	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Pyrene	120	J	47	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	36	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	48	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	60	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	42	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.9	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.43	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.55	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.35	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.54	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.42	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	5	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.43	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.37	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.46	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.46	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.84	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.55	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	3.2	J	1.4	50	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.3	25	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.58	25	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Acetone	ND	U	21	50	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Benzene	ND	U	0.47	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.42	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.3	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Bromoform	ND	U	1	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Bromomethane	ND	U	0.72	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.3	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.88	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Chlorobenzene	ND	U	2.5	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Chloroethane	ND	U	1.1	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Chloroform	ND	U	0.55	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Chloromethane	ND	U	0.52	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Cyclohexane	ND	U	0.54	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.34	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.75	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.88	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.6	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Methylcyclohexane	ND	U	0.3	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.62	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Styrene	ND	U	0.35	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.32	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.97	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Toluene	ND	U	0.86	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.85	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.95	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Vinyl chloride	ND	U	1.1	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Xylenes, Total	ND	U	0.7	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.5	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-A-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.32	5	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	80	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	80	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	80	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	100	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	100	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	120	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8330	2-Nitrotoluene	ND	UJ	80	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8330	3-Nitrotoluene	ND	UJ	120	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	80	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8330	4-Nitrotoluene	ND	UJ	80	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8330	HMX	ND	UJ	80	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8330	Nitrobenzene	ND	UJ	88	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8330	RDX	ND	UJ	80	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8330	Tetryl	ND	UJ	80	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Aluminum	12500		12.4	49.6	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Antimony	ND	UJ	2.5	14.9	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Arsenic	4.6		0.37	1.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Barium	46	J	1.2	49.6	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Beryllium	0.69	J	0.25	1.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Cadmium	0.34	J	0.25	1.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Calcium	2800		248	1240	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Chromium	13		1.2	2.5	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Cobalt	6	J	1.2	12.4	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Copper	10.2		1.2	6.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Iron	13200		12.4	24.8	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Lead	9.4	J	0.37	0.74	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Magnesium	1360		248	1240	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Manganese	77.2		1.2	3.7	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Nickel	18.2		1.2	9.9	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Potassium	735	J	248	1240	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Selenium	ND	U	0.74	1.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Silver	ND	U	0.25	2.5	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Sodium	ND	U	248	1240	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Thallium	ND	U	0.56	0.62	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Vanadium	22.5		1.2	12.4	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW6010B	Zinc	62.4		2.5	5	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW7471A	Mercury	0.032	J	0.016	0.04	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	14	J	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	34	J	4	16	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	31	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	46	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	32	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	47	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	50	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	32	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	41	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	22	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	25	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	29	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	45	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	38	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	2-Chlorophenol	ND	UJ	48	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	2-Methylnaphthalene	ND	UJ	41	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	46	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	2-Nitroaniline	ND	UJ	38	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	2-Nitrophenol	ND	UJ	26	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	37	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	3-Methylphenol	ND	UJ	32	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	3-Nitroaniline	ND	UJ	56	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	31	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	33	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	4-Chloroaniline	ND	UJ	57	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	36	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	32	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	4-Nitroaniline	ND	UJ	120	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	4-Nitrophenol	ND	UJ	96	[illegible]00	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Acenaphthene	ND	UJ	31	[illegible]00	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Acenaphthylene	ND	UJ	23	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Anthracene	ND	UJ	32	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Benzo(a)anthracene	68	J	43	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	27	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	37	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	84	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	47	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Benzoic acid	ND	UJ	23	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Benzyl alcohol	ND	UJ	53	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	35	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Carbazole	ND	UJ	43	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Chrysene	87	J	37	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	36	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	32	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	72	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Dibenzofuran	ND	UJ	29	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Diethylphthalate	ND	UJ	790	790	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Dimethylphthalate	ND	UJ	36	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Fluoranthene	110	J	64	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Fluorene	ND	UJ	31	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Hexachlorobenzene	ND	UJ	41	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	39	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	73	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Hexachloroethane	ND	UJ	47	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	55	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Isophorone	ND	UJ	34	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	65	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	110	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	38	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Naphthalene	ND	UJ	38	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Nitrobenzene	ND	UJ	41	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Pentachlorophenol	ND	UJ	40	1600	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Phenanthrene	ND	UJ	27	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Phenol	ND	UJ	43	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	Pyrene	110	J	47	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	37	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	48	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	61	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	43	400	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.94	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.45	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.57	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.36	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.56	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.44	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.19	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.45	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.38	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.48	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.48	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.87	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.57	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	2.2	J	1.4	52	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.4	26	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.6	26	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Acetone	ND	U	13	52	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Benzene	ND	U	0.49	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.44	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.31	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Bromoform	ND	U	1	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Bromomethane	ND	U	0.75	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.4	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.92	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Chlorobenzene	ND	U	2.6	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Chloroethane	ND	U	1.1	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Chloroform	ND	U	0.57	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Chloromethane	ND	U	0.54	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Cyclohexane	ND	U	0.56	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.35	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.78	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.92	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.7	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Methylcyclohexane	ND	U	0.31	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.64	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Styrene	ND	U	0.36	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.33	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	1	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Toluene	ND	U	0.9	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.88	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.99	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Vinyl chloride	ND	U	1.1	10	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	Xylenes, Total	ND	U	0.73	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.52	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5.2	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB-20-D-3'-5'	FD1	4/19/2007	8:55	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.33	5.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	U	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	250	J	130	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	U	130	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	150	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	U	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	U	150	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8330	4-Nitrotoluene	180	J	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8330	HMX	ND	U	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8330	Nitrobenzene	ND	U	110	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8330	RDX	ND	U	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8330	Tetryl	ND	U	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Aluminum	8420		11.4	45.5	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Antimony	ND	UJ	2.3	13.6	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Arsenic	7.1		0.34	1.14	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Barium	38.3	J	1.14	45.5	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Beryllium	0.53	J	0.23	1.14	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Cadmium	0.42	J	0.23	1.14	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Calcium	72700		2270	11400	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Chromium	12.6		1.14	2.27	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Cobalt	6.7	J	1.14	11.4	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Copper	22		1.14	5.68	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Iron	15800		11.4	22.7	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Lead	67.4	J	0.34	68	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Magnesium	18100		227	36	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Manganese	294		1.14	3.41	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Nickel	19.4		1.14	9.09	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Potassium	1600		227	1136	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.68	1.14	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Silver	ND	U	0.23	2.27	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Sodium	ND	U	227	1136	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.4	0.57	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Vanadium	20.9		1.14	11.4	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW6010B	Zinc	44.5		2.27	4.55	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW7471A	Mercury	0.044		0.011	0.019	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.7	19	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.7	19	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.7	19	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.7	19	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.7	19	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	200		4.7	19	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	630	J	3.7	15	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	29	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	44	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	30	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	45	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	48	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	30	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	39	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	U	21	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	U	24	1500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	U	150	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	27	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	42	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	U	36	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	U	46	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	220	J	39	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	43	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	U	36	1500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	U	25	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	35	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	U	30	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	U	53	1500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	24	1500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	29	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	31	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	U	54	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	34	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	30	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	U	110	1500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	U	91	1500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Acenaphthene	ND	U	30	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	U	22	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Anthracene	ND	U	30	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	180	J	41	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	170	J	26	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	230	J	35	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	79	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	120	J	44	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Benzoic acid	ND	U	22	1500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	U	50	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	U	33	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Carbazole	ND	U	40	370	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Chrysene	250	J	35	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	U	34	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	U	30	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	67	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	U	27	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	U	750	750	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	U	34	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Fluoranthene	400		60	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Fluorene	ND	U	29	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	U	39	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	U	37	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	69	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	U	44	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	52	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Isophorone	ND	U	32	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	62	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	110	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	36	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Naphthalene	86	J	36	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	U	39	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	U	38	1500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Phenanthrene	260	J	26	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Phenol	ND	U	40	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	Pyrene	320	J	45	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	35	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	46	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	57	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	40	370	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	1.4	J	0.75	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.36	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.46	8.4	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.29	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.45	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.35	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.15	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1	8.4	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.36	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.31	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.38	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.38	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.7	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.46	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	42	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	1.9	21	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.48	21	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Acetone	ND	U	8.6	42	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Benzene	2.4	J	0.39	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.35	8.4	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.25	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Bromoform	ND	U	0.84	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	0.6	8.4	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Carbon Disulfide	17		1.1	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	0.74	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	2.1	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	0.92	8.4	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.46	2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.43	.4	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Cyclohexane	7		0.45	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.28	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	0.92	8.4	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Ethylbenzene	0.89	J	0.63	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.74	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	1.3	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Methylcyclohexane	8.2		0.25	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.52	8.4	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.29	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.27	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.81	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Toluene	ND	U	3.8	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	1.2	J	0.71	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.79	8.4	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	0.92	8.4	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	Xylenes, Total	2.4	J	0.58	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.42	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	0.92	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-0.5'-1.5'	N1	4/18/2007	10:42	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.27	4.2	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	U	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	U	130	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	U	130	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	150	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8330	2-Nitrotoluene	ND	U	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8330	3-Nitrotoluene	ND	U	150	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8330	4-Nitrotoluene	ND	U	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8330	HMX	ND	U	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8330	Nitrobenzene	ND	U	110	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8330	RDX	ND	U	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8330	Tetryl	ND	U	100	500	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Aluminum	10400		12.3	49.4	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Antimony	ND	UJ	2.5	14.8	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Arsenic	5.2		0.37	1.2	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Barium	34.9	J	1.2	49.4	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Beryllium	0.47	J	0.25	1.2	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Cadmium	ND	U	0.25	1.2	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Calcium	2270		247	1230	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Chromium	16.7		1.2	2.5	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Cobalt	3.8	J	1.2	12.3	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Copper	12.1		1.2	6.2	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Iron	18100		12.3	24.7	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Lead	6.6	J	0.37	0.74	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Magnesium	1470		247	1230	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Manganese	93.7		1.2	3.7	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Nickel	13.9		1.2	9.9	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Potassium	1020	J	247	1230	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Selenium	ND	U	0.74	1.2	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Silver	ND	U	0.25	2.5	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Sodium	ND	U	247	1230	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Thallium	ND	U	0.43	0.62	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Vanadium	34.8		1.2	12.3	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW6010B	Zinc	35.9		2.5	4.9	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW7471A	Mercury	0.029		0.015	0.039	mg/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	5.1	20	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5.1	20	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5.1	20	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	5.1	20	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	5.1	20	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	U	5.1	20	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	ND	U	5.1	20	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	32	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	48	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	32	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	48	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	52	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	32	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	42	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	U	23	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	U	26	1600	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	U	160	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	29	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	46	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	2-Chloronaphthalene	ND	U	39	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	2-Chlorophenol	ND	U	50	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	2-Methylnaphthalene	ND	U	42	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	47	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	2-Nitroaniline	ND	U	39	1600	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	2-Nitrophenol	ND	U	27	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	38	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	3-Methylphenol	ND	U	33	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	3-Nitroaniline	ND	U	57	1600	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	26	1600	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	31	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	34	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	4-Chloroaniline	ND	U	58	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	37	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	32	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	4-Nitroaniline	ND	U	120	1600	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	4-Nitrophenol	ND	U	98	1600	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Acenaphthene	ND	U	32	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Acenaphthylene	ND	U	24	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Anthracene	ND	U	33	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Benzo(a)anthracene	ND	U	44	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Benzo(a)pyrene	ND	U	28	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	38	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	86	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	48	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Benzoic acid	ND	U	24	1600	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Benzyl alcohol	ND	U	55	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Butylbenzylphthalate	ND	U	36	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Carbazole	ND	U	44	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Chrysene	ND	U	38	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Di-n-butylphthalate	120	J	37	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Di-n-octylphthalate	ND	U	33	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	73	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Dibenzofuran	ND	U	30	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Diethylphthalate	ND	U	810	810	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Dimethylphthalate	ND	U	37	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Fluoranthene	ND	U	65	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Fluorene	ND	U	32	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Hexachlorobenzene	ND	U	42	[illegible]00	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Hexachlorobutadiene	ND	U	40	[illegible]00	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	74	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Hexachloroethane	ND	U	48	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	56	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Isophorone	ND	U	34	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	67	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	120	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	39	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Naphthalene	ND	U	39	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Nitrobenzene	ND	U	42	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Pentachlorophenol	ND	U	41	1600	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Phenanthrene	ND	U	28	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Phenol	ND	U	44	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	Pyrene	ND	U	48	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	38	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	50	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	62	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	44	400	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.84	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.4	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.51	9.3	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.33	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.5	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.1	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.39	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.17	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.1	9.3	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.4	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.34	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.43	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.43	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.78	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.51	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.3	47	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.1	23	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.54	23	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Acetone	ND	U	5.6	47	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Benzene	ND	U	0.44	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.39	9.3	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.28	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Bromoform	ND	U	0.93	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Bromomethane	ND	U	0.67	9.3	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.2	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.82	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Chlorobenzene	ND	U	2.3	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Chloroethane	ND	U	1	9.3	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Chloroform	ND	U	0.51	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Chloromethane	ND	U	0.48	9.3	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Cyclohexane	ND	U	0.5	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.32	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1	9.3	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.7	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.82	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.5	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Methylcyclohexane	ND	U	0.28	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.58	9.3	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Styrene	ND	U	0.33	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.3	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.9	4.7	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Toluene	ND	U	0.8	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.79	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.89	9.3	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Vinyl chloride	ND	U	1	9.3	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	Xylenes, Total	ND	U	0.65	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.1	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.47	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1	4.7	ug/Kg
AA1-SB21	PBOW-07-SO-AA1-SB-21-A-3'-5'	N1	4/18/2007	10:46	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.3	4.7	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	95	480	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	U	95	480	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	95	480	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	U	120	480	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	U	120	480	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	140	480	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	U	95	480	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	U	140	480	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	95	480	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	U	95	480	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8330	HMX	ND	U	95	480	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8330	Nitrobenzene	ND	U	100	480	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8330	RDX	ND	U	95	480	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8330	Tetryl	ND	U	95	480	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Aluminum	6230		12.1	48.5	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Antimony	ND	UJ	2.4	14.6	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Arsenic	2.8		0.36	1.2	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Barium	23.7	J	1.2	48.5	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Beryllium	0.31	J	0.24	1.2	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Cadmium	ND	U	0.24	1.2	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Calcium	1780		243	1210	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Chromium	8.9		1.2	2.4	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Cobalt	2.1	J	1.2	12.1	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Copper	4.9	J	1.2	6.1	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Iron	9110		12.1	24.3	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Lead	4.1	J	0.36	0.73	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Magnesium	858	J	243	1210	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Manganese	54.6		1.2	3.6	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Nickel	6.6	J	1.2	9.7	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Potassium	461	J	243	1210	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.73	1.2	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Silver	ND	U	0.24	2.4	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Sodium	ND	U	243	1210	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.42	0.61	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Vanadium	19.8		1.2	12.1	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW6010B	Zinc	21.7		2.4	4.9	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW7471A	Mercury	0.018	J	0.015	0.038	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	5.1	20	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5.1	20	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5.1	20	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	5.1	20	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	5.1	20	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	U	5.1	20	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	ND	U	5.1	20	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	31	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	47	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	32	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	48	00	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	51	00	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	32	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	42	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	U	23	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	U	26	1600	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	U	160	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	29	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	46	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	U	39	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	U	49	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	ND	U	42	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	47	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	U	39	1600	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	U	27	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	38	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	U	33	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	U	57	1600	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	26	1600	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	31	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	34	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	U	58	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	37	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	32	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	U	120	1600	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	U	98	1600	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Acenaphthene	ND	U	32	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	U	24	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Anthracene	ND	U	33	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	ND	U	44	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	U	28	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	38	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	85	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	48	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Benzoic acid	ND	U	24	1600	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	U	54	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	U	36	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Carbazole	ND	U	44	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Chrysene	ND	U	37	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	U	37	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	U	32	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	73	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	U	30	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	U	810	810	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	U	37	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Fluoranthene	ND	U	65	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Fluorene	ND	U	32	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	U	42	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	U	40	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	74	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	U	48	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	56	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Isophorone	ND	U	34	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	66	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	110	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	39	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Naphthalene	ND	U	39	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	U	42	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	U	41	1600	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Phenanthrene	ND	U	28	400	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Phenol	ND	U	44	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	Pyrene	ND	U	48	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	37	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	49	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	62	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	44	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.86	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.41	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.53	9.6	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.34	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.52	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.1	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.4	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.17	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.1	9.6	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.41	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.35	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.44	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.44	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.8	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.53	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.3	48	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	2.2	24	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.56	24	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Acetone	ND	U	12	48	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Benzene	ND	U	0.45	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.4	9.6	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.29	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Bromoform	ND	U	0.96	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	0.69	9.6	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Carbon Disulfide	ND	U	1.2	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	0.84	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	2.4	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	1	9.6	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.53	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.5	9.6	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Cyclohexane	ND	U	0.52	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.32	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1	9.6	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	0.72	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.84	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	1.5	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Methylcyclohexane	ND	U	0.29	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.59	9.6	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.34	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.31	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.93	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Toluene	ND	U	0.82	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.81	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.91	9.6	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	1	9.6	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	Xylenes, Total	ND	U	0.67	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.1	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.48	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-0.5'-1.5'	N1	4/18/2007	12:30	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.31	4.8	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	83	20	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	U	83	20	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8330	2,4,6-Trinitrotoluene	150	J	83	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8330	2,4-Dinitrotoluene	1800		110	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	U	110	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	480		120	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8330	2-Nitrotoluene	ND	U	83	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8330	3-Nitrotoluene	ND	U	120	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	430		83	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8330	4-Nitrotoluene	ND	U	83	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8330	HMX	ND	U	83	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8330	Nitrobenzene	ND	U	92	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8330	RDX	ND	U	83	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8330	Tetryl	ND	U	83	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Aluminum	13300		12.8	51	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Antimony	ND	UJ	2.6	15.3	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Arsenic	8.3		0.38	1.3	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Barium	53		1.3	51	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Beryllium	0.73	J	0.26	1.3	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Cadmium	0.68	J	0.26	1.3	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Calcium	76800		255	1280	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Chromium	23.6		1.3	2.6	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Cobalt	12.1	J	1.3	12.8	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Copper	29.1		1.3	6.4	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Iron	27900		12.8	25.5	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Lead	11.8	J	0.38	0.77	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Magnesium	13300		255	1280	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Manganese	722		1.3	3.83	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Nickel	31.9		1.3	10.2	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Potassium	2780		255	1280	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Selenium	ND	U	0.77	1.3	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Silver	ND	U	0.26	2.6	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Sodium	323	J	255	1280	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Thallium	ND	U	0.52	0.64	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Vanadium	36.3		1.3	12.8	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW6010B	Zinc	63		2.6	5.1	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW7471A	Mercury	0.02	J	0.015	0.039	mg/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	5.3	21	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5.3	21	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5.3	21	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	5.3	21	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	5.3	21	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	U	5.3	21	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	ND	U	5.3	21	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	33	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	50	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	34	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	50	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	54	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	34	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	44	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	24	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	27	1700	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	170	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	2,4-Dinitrotoluene	870		30	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	48	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	2-Chloronaphthalene	ND	U	40	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	2-Chlorophenol	ND	UJ	52	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	2-Methylnaphthalene	ND	U	44	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	49	420	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	2-Nitroaniline	ND	U	40	1700	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	2-Nitrophenol	ND	UJ	28	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	40	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	3-Methylphenol	ND	UJ	34	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	3-Nitroaniline	ND	U	60	1700	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	28	1700	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	33	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	35	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	4-Chloroaniline	ND	U	60	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	39	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	34	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	4-Nitroaniline	ND	U	130	1700	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	4-Nitrophenol	ND	UJ	100	1700	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Acenaphthene	ND	U	33	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Acenaphthylene	ND	U	25	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Anthracene	ND	U	34	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Benzo(a)anthracene	ND	U	46	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Benzo(a)pyrene	ND	U	29	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	40	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	89	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	50	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Benzoic acid	ND	UJ	25	1700	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Benzyl alcohol	ND	UJ	57	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Butylbenzylphthalate	ND	U	38	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Carbazole	ND	U	46	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Chrysene	ND	U	39	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Di-n-butylphthalate	ND	U	38	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Di-n-octylphthalate	ND	U	34	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	76	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Dibenzofuran	ND	U	31	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Diethylphthalate	ND	U	840	840	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Dimethylphthalate	ND	U	38	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Fluoranthene	ND	U	68	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Fluorene	ND	U	33	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Hexachlorobenzene	ND	U	44	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Hexachlorobutadiene	ND	U	41	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	77	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Hexachloroethane	ND	U	50	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	58	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Isophorone	ND	UJ	36	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	69	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	120	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	40	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Naphthalene	ND	U	41	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Nitrobenzene	ND	U	44	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Pentachlorophenol	ND	UJ	43	1700	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Phenanthrene	ND	U	29	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Phenol	ND	UJ	46	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	Pyrene	ND	U	50	400	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	39	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	52	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	65	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	46	420	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.81	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.39	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.5	9	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.32	5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.49	.5	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.1	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	UJ	0.38	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	UJ	0.16	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.1	9	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.39	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	UJ	0.33	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.42	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.42	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	UJ	0.76	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	UJ	0.5	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.3	45	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.1	22	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.52	22	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Acetone	ND	U	4.9	45	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Benzene	ND	U	0.42	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.38	9	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.27	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Bromoform	ND	U	0.9	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Bromomethane	ND	U	0.65	9	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.2	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.79	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Chlorobenzene	ND	UJ	2.2	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Chloroethane	ND	U	0.99	9	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Chloroform	ND	U	0.5	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Chloromethane	ND	U	0.47	9	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Cyclohexane	1.3	J	0.49	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.31	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	0.99	9	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Ethylbenzene	ND	UJ	0.68	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	UJ	0.79	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Methyl Acetate	ND	UJ	1.4	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Methylcyclohexane	ND	UJ	0.27	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.56	9	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Styrene	ND	U	0.32	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.29	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	UJ	0.88	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Toluene	ND	U	0.78	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	UJ	0.77	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.86	9	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Vinyl chloride	ND	U	0.99	9	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	Xylenes, Total	ND	UJ	0.63	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.1	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.45	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	0.99	4.5	ug/Kg
AA1-SB22	PBOW-07-SO-AA1-SB-22-A-3'-5'	N1	4/18/2007	12:40	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.29	4.5	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	95	480	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	U	95	480	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	95	480	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	U	120	480	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	U	120	480	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	140	480	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	U	95	480	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	U	140	480	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	95	480	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	U	95	480	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8330	HMX	ND	U	95	480	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8330	Nitrobenzene	ND	U	100	480	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8330	RDX	ND	U	95	480	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8330	Tetryl	ND	U	95	480	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Aluminum	11600		12.1	48.5	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Antimony	ND	UJ	2.4	14.6	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Arsenic	9.9		0.36	1.2	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Barium	46.6	J	1.2	48.5	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Beryllium	0.59	J	0.24	1.2	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Cadmium	0.58	J	0.24	1.2	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Calcium	4430		243	1210	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Chromium	16.2		1.2	2.4	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Cobalt	6.5	J	1.2	12.1	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Copper	13.2		1.2	6.1	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Iron	20400		12.1	24.3	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Lead	43.2	J	0.36	0.73	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Magnesium	2720		243	1210	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Manganese	368		1.2	3.6	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Nickel	18.9		1.2	9.7	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Potassium	1060	J	243	1210	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.73	1.2	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Silver	ND	U	0.24	2.4	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Sodium	ND	U	243	1210	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.42	0.61	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Vanadium	31.1		1.2	12.1	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW6010B	Zinc	64.9		2.4	4.9	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW7471A	Mercury	0.03	J	0.015	0.038	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	5.1	20	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5.1	20	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5.1	20	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	5.1	20	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	5.1	20	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	590		5.1	20	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	1400		25	100	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	32	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	48	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	32	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	48	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	52	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	32	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	42	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	23	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	29	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	46	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	U	39	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	UJ	50	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	ND	U	42	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	47	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	U	39	1600	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	UJ	27	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	38	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	UJ	33	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	U	57	1600	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	31	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	34	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	U	58	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	37	[illegible]0	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	32	[illegible]0	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	U	120	1600	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	UJ	98	1600	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Acenaphthene	ND	U	32	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	U	24	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Anthracene	ND	U	33	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	82	J	44	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	U	28	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	38	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	86	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	48	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Benzoic acid	ND	UJ	24	1600	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	UJ	55	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	U	36	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Carbazole	ND	U	44	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Chrysene	90	J	38	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	U	37	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	U	33	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	73	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	U	30	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	U	810	810	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	U	37	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Fluoranthene	160	J	65	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Fluorene	ND	U	32	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	U	42	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	U	40	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	74	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	U	48	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	56	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Isophorone	ND	UJ	34	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	67	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	120	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	39	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Naphthalene	ND	U	39	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	U	42	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	UJ	41	1600	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Phenanthrene	64	J	28	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Phenol	ND	UJ	44	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	Pyrene	110	J	48	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	38	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	50	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	62	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	44	400	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.82	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.39	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.5	9.1	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.32	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.49	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.1	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.38	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.16	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.1	9.1	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.39	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.34	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.42	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.42	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.77	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.5	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.3	46	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	2.1	23	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.53	23	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Acetone	ND	U	20	46	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Benzene	0.43	J	0.43	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.38	9.1	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.27	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Bromoform	ND	U	0.91	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	0.66	9.1	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Carbon Disulfide	1.4	J	1.2	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	0.8	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	2.3	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	1	9.1	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.5	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.47	9.1	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Cyclohexane	1.2	J	0.49	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.31	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1	9.1	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	0.68	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.8	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	1.5	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Methylcyclohexane	1.6	J	0.27	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.57	9.1	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.32	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.29	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.89	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Toluene	ND	U	1.1	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.78	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.87	9.1	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	1	9.1	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	Xylenes, Total	ND	U	0.64	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.1	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.46	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-0.5'-1.5'	N1	4/18/2007	14:10	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.29	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	91	450	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	U	91	450	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	91	450	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	U	120	450	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	U	120	450	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	140	450	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8330	2-Nitrotoluene	ND	U	91	450	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8330	3-Nitrotoluene	ND	U	140	450	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	91	450	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8330	4-Nitrotoluene	ND	U	91	450	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8330	HMX	ND	U	91	450	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8330	Nitrobenzene	ND	U	100	450	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8330	RDX	ND	U	91	450	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8330	Tetryl	ND	U	91	450	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Aluminum	13500		12.4	49.8	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Antimony	ND	U	2.5	14.9	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Arsenic	8.4		0.37	1.2	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Barium	59.4		1.2	49.8	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Beryllium	1.1	J	0.25	1.2	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Cadmium	0.52	J	0.25	1.2	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Calcium	11100		249	1240	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Chromium	18		1.2	2.5	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Cobalt	12.7		1.2	[illegible]	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Copper	23.9		1.2	[illegible]	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Iron	20500		12.4	24.9	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Lead	11.9		0.37	0.75	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Magnesium	7860		249	1240	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Manganese	395		1.2	3.7	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Nickel	31.2		1.2	10	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Potassium	2080		249	1240	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Selenium	ND	U	0.75	1.2	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Silver	ND	U	0.31	2.5	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Sodium	ND	U	249	1240	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Thallium	ND	U	0.44	0.62	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Vanadium	29.9		1.2	12.4	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW6010B	Zinc	75.4		2.5	5	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW7471A	Mercury	0.026	J	0.016	0.039	mg/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	5.1	20	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5.1	20	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5.1	20	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	5.1	20	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	5.1	20	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	U	5.1	20	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	ND	U	5.1	20	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	32	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	49	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	33	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	50	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	53	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	33	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	43	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	23	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	30	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	47	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	2-Chloronaphthalene	ND	U	40	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	2-Chlorophenol	ND	UJ	51	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	2-Methylnaphthalene	ND	U	43	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	48	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	2-Nitroaniline	ND	U	40	1600	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	2-Nitrophenol	ND	UJ	27	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	39	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	3-Methylphenol	ND	UJ	34	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	3-Nitroaniline	ND	U	59	1600	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	27	1600	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	32	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	34	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	4-Chloroaniline	ND	U	60	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	38	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	33	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	4-Nitroaniline	ND	U	120	1600	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	4-Nitrophenol	ND	UJ	100	1600	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Acenaphthene	ND	U	33	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Acenaphthylene	ND	U	24	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Anthracene	ND	U	34	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Benzo(a)anthracene	ND	U	45	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Benzo(a)pyrene	ND	U	28	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	39	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	88	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	49	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Benzoic acid	ND	UJ	24	1600	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Benzyl alcohol	ND	UJ	56	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Butylbenzylphthalate	ND	U	37	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Carbazole	ND	U	45	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Chrysene	ND	U	38	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Di-n-butylphthalate	ND	U	38	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Di-n-octylphthalate	ND	U	33	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	75	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Dibenzofuran	ND	U	30	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Diethylphthalate	ND	U	830	830	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Dimethylphthalate	ND	U	38	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Fluoranthene	ND	U	66	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Fluorene	ND	U	32	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Hexachlorobenzene	ND	U	43	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Hexachlorobutadiene	ND	U	41	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	76	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Hexachloroethane	ND	U	49	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	57	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Isophorone	ND	UJ	35	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	68	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	120	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	40	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Naphthalene	ND	U	40	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Nitrobenzene	ND	U	43	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Pentachlorophenol	ND	UJ	42	1600	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Phenanthrene	ND	U	28	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Phenol	ND	UJ	45	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	Pyrene	ND	U	49	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	38	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	51	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	64	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	45	410	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.84	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.4	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.51	9.3	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.32	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.5	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.1	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.39	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.17	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.1	9.3	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.4	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.34	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.43	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.43	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.78	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.51	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.3	46	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.1	23	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.54	23	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Acetone	ND	U	10	46	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Benzene	ND	U	0.44	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.39	9.3	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.28	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Bromoform	ND	U	0.93	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Bromomethane	ND	U	0.67	9.3	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.2	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.82	6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Chlorobenzene	ND	U	2.3	6	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Chloroethane	ND	U	1	9.3	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Chloroform	ND	U	0.51	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Chloromethane	ND	U	0.48	9.3	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Cyclohexane	ND	U	0.5	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.32	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1	9.3	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.7	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.82	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.5	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Methylcyclohexane	ND	U	0.28	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.58	9.3	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Styrene	ND	U	0.32	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.3	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.9	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Toluene	ND	U	0.8	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.79	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.88	9.3	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Vinyl chloride	ND	U	1	9.3	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	Xylenes, Total	ND	U	0.65	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.1	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.46	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1	4.6	ug/Kg
AA1-SB23	PBOW-07-SO-AA1-SB-23-A-3'-5'	N1	4/18/2007	14:25	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.3	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	95	480	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	U	95	480	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	95	480	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	U	120	480	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	U	120	480	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	140	480	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	U	95	480	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	U	140	480	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	95	480	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	U	95	480	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8330	HMX	ND	U	95	480	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8330	Nitrobenzene	ND	U	100	480	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8330	RDX	ND	U	95	480	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8330	Tetryl	ND	U	100	500	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Aluminum	13900		11.9	47.6	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Antimony	ND	UJ	2.4	14.3	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Arsenic	12.1		0.36	1.2	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Barium	78.2		1.2	47.6	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Beryllium	0.74	J	0.24	1.2	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Cadmium	0.6	J	0.24	1.2	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Calcium	35200		238	1190	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Chromium	24.1		1.2	2.4	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Cobalt	7.4	J	1.2	11.9	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Copper	27.5		1.2	5.9	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Iron	27000		11.9	23.8	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Lead	19.1	J	0.36	0.71	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Magnesium	4290		238	1190	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Manganese	434		1.2	3.6	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Nickel	24.5		1.2	9.5	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Potassium	2260		238	1190	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.71	1.2	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Silver	ND	U	0.24	2.4	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Sodium	ND	U	238	1190	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.47	0.59	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Vanadium	39.6		1.2	11.9	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW6010B	Zinc	78.3		2.4	4.8	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW7471A	Mercury	0.022	J	0.015	0.038	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	5.1	20	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5.1	20	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5.1	20	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	5.1	20	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	5.1	20	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	5100		100	410	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	9000		100	410	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	31	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	47	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	32	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	48	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	51	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	32	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	42	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	23	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	58	J	29	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	46	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	U	39	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	UJ	49	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	ND	U	42	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	47	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	U	39	1600	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	UJ	27	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	38	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	UJ	33	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	U	57	1600	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	31	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	34	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	U	58	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	37	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	32	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	U	120	1600	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	UJ	98	1600	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Acenaphthene	ND	U	32	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	U	24	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Anthracene	ND	U	33	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	ND	U	44	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	U	28	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	38	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	86	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	48	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Benzoic acid	ND	UJ	24	1600	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	UJ	54	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	U	36	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Carbazole	ND	U	44	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Chrysene	ND	U	37	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	U	37	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	U	33	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	73	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	U	30	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	U	810	810	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	U	37	0	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Fluoranthene	ND	U	65	0	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Fluorene	ND	U	32	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	U	42	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	U	40	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	74	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	U	48	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	56	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Isophorone	ND	UJ	34	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	66	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	120	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	39	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Naphthalene	ND	U	39	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	U	42	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	UJ	41	1600	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Phenanthrene	ND	U	28	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Phenol	ND	UJ	44	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	Pyrene	ND	U	48	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	37	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	49	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	62	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	44	400	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.83	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.4	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.51	9.2	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.32	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.5	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.1	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.39	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.17	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.1	9.2	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.4	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.34	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.42	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.42	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.78	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.51	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.3	46	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	2.1	23	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.54	23	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Acetone	ND	U	9.6	46	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Benzene	ND	U	0.43	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.39	9.2	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.28	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Bromoform	ND	U	0.92	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	0.66	9.2	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Carbon Disulfide	ND	U	1.2	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	0.81	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	2.3	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	1	9.2	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.51	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.48	9.2	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Cyclohexane	ND	U	0.5	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.31	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1	9.2	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	0.69	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.81	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	1.5	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Methylcyclohexane	ND	U	0.28	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.57	9.2	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.32	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.3	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.9	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Toluene	ND	U	0.79	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.78	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.88	9.2	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	1	9.2	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	Xylenes, Total	ND	U	0.65	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.1	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.46	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-0.5'-1.5'	N1	4/18/2007	13:10	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.3	4.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	91	450	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	U	91	450	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	91	450	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	U	120	450	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	U	120	450	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	140	450	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8330	2-Nitrotoluene	ND	U	91	450	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8330	3-Nitrotoluene	ND	U	140	450	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	91	450	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8330	4-Nitrotoluene	ND	U	91	450	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8330	HMX	ND	U	91	450	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8330	Nitrobenzene	ND	U	100	450	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8330	RDX	ND	U	91	450	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8330	Tetryl	ND	U	91	450	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Aluminum	19900		12.8	51	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Antimony	ND	UJ	2.6	15.3	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Arsenic	13.7		0.38	1.28	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Barium	92.5		1.28	51	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Beryllium	0.98	J	0.26	1.28	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Cadmium	0.6	J	0.26	1.28	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Calcium	45000		1280	6380	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Chromium	27.5		1.28	2.55	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Cobalt	11.9	J	1.28	12.8	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Copper	28.9		1.28	6.38	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Iron	30300		12.8	25.6	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Lead	13	J	0.38	0.77	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Magnesium	15500		255	1280	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Manganese	414		1.28	3.84	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Nickel	37.9		1.28	10.2	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Potassium	4820		255	1280	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Selenium	ND	U	0.77	1.28	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Silver	ND	U	0.26	2.55	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Sodium	268	J	255	1280	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Thallium	ND	U	0.45	0.64	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Vanadium	39		1.28	12.8	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW6010B	Zinc	71.8		2.55	5.1	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW7471A	Mercury	0.021	J	0.016	0.04	mg/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	5.2	21	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5.2	21	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5.2	21	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	5.2	21	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	5.2	21	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	U	5.2	21	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	ND	U	5.2	21	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	33	[illegible]	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	50	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	34	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	51	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	54	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	34	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	45	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	24	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	27	1700	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	170	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	31	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	48	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	2-Chloronaphthalene	ND	U	41	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	2-Chlorophenol	ND	UJ	52	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	2-Methylnaphthalene	ND	U	45	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	50	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	2-Nitroaniline	ND	U	41	1700	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	2-Nitrophenol	ND	UJ	28	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	40	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	3-Methylphenol	ND	UJ	35	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	3-Nitroaniline	ND	U	60	1700	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	28	1700	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	33	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	36	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	4-Chloroaniline	ND	U	61	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	39	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	34	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	4-Nitroaniline	ND	U	130	1700	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	4-Nitrophenol	ND	UJ	100	1700	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Acenaphthene	ND	U	34	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Acenaphthylene	ND	U	25	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Anthracene	ND	U	35	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Benzo(a)anthracene	ND	U	47	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Benzo(a)pyrene	ND	U	29	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	40	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	90	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	50	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Benzoic acid	ND	UJ	25	1700	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Benzyl alcohol	ND	UJ	58	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Butylbenzylphthalate	ND	U	38	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Carbazole	ND	U	46	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Chrysene	ND	U	40	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Di-n-butylphthalate	ND	U	39	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Di-n-octylphthalate	ND	U	34	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	77	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Dibenzofuran	ND	U	31	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Diethylphthalate	ND	U	850	850	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Dimethylphthalate	ND	U	39	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Fluoranthene	ND	U	69	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Fluorene	ND	U	33	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Hexachlorobenzene	ND	U	44	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Hexachlorobutadiene	ND	U	42	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	78	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Hexachloroethane	ND	U	50	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	59	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Isophorone	ND	UJ	36	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	70	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	120	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	41	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Naphthalene	ND	U	42	430	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Nitrobenzene	ND	U	44	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Pentachlorophenol	ND	UJ	43	1700	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Phenanthrene	ND	U	29	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Phenol	ND	UJ	46	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	Pyrene	ND	U	51	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	40	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	52	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	66	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	46	430	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.87	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.41	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.53	9.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.34	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.52	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.4	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.17	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	9.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.41	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.36	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.44	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.44	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.81	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.53	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.3	48	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.2	24	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.56	24	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Acetone	ND	U	4	48	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Benzene	5.3		0.45	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.4	9.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.29	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Bromoform	ND	U	0.96	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Bromomethane	ND	U	0.69	9.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.2	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.85	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Chlorobenzene	ND	U	2.4	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Chloroethane	ND	U	1	9.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Chloroform	ND	U	0.53	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Chloromethane	ND	U	0.5	9.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Cyclohexane	11		0.52	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.33	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1	9.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Ethylbenzene	2.4	J	0.72	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.85	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.5	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Methylcyclohexane	15		0.29	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.6	9.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Styrene	ND	U	0.34	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.31	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.93	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Toluene	9.5		0.83	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Trichloroethene (TCE)	1.5	J	0.82	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.91	9.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Vinyl chloride	ND	U	1	9.6	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	Xylenes, Total	6		0.67	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	4.8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.48	8	ug/Kg
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1	.8	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB24	PBOW-07-SO-AA1-SB-24-A-3'-5'	N1	4/18/2007	13:20	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.31	4.8	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	100	500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	100	500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	130	500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	130	500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	150	500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8330	2-Nitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8330	3-Nitrotoluene	ND	UJ	150	500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8330	4-Nitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8330	HMX	ND	UJ	100	500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8330	Nitrobenzene	ND	UJ	110	500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8330	RDX	ND	UJ	100	500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8330	Tetryl	ND	UJ	100	500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Aluminum	4460		11.2	44.7	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Antimony	9.5	J	2.2	13.4	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Arsenic	4.2		0.34	1.1	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Barium	81.5		1.1	44.7	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Beryllium	0.25	J	0.22	1.1	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Cadmium	1.7		0.22	1.1	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Calcium	122000		223	1120	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Chromium	50.7		1.1	2.2	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Cobalt	2.1	J	1.1	11.2	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Copper	28.1		1.1	5.6	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Iron	10100		11.2	22.3	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Lead	770	J	0.34	0.67	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Magnesium	17300		223	1120	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Manganese	218		1.1	3.4	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Nickel	10		1.1	8.9	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Potassium	813	J	223	1120	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Selenium	ND	U	0.67	1.1	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Silver	ND	U	0.22	2.2	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Sodium	ND	U	223	1120	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Thallium	ND	U	0.5	0.56	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Vanadium	12.4		1.1	11.2	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW6010B	Zinc	147		2.2	4.5	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW7471A	Mercury	ND	UJ	0.013	0.032	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	3.7	15	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	3.7	15	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	3.7	15	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	3.7	15	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	3.7	15	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8082	PCB-1254 (Aroclor 1254)	6200	J	180	730	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8082	PCB-1260 (Aroclor 1260)	18000	J	180	730	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	29	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	43	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	30	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	44	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	47	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	30	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	39	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	21	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	24	1500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	150	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	27	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	42	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	35	370	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	2-Chlorophenol	ND	UJ	45	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	2-Methylnaphthalene	ND	UJ	39	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	43	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	2-Nitroaniline	ND	UJ	36	1500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	2-Nitrophenol	ND	UJ	24	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	35	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	3-Methylphenol	ND	UJ	30	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	3-Nitroaniline	ND	UJ	52	1500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	24	1500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	29	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	31	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	4-Chloroaniline	ND	UJ	53	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	34	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	29	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	4-Nitroaniline	ND	UJ	110	1500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	4-Nitrophenol	ND	UJ	90	1500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Acenaphthene	ND	UJ	29	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Acenaphthylene	ND	UJ	22	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Anthracene	ND	UJ	30	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Benzo(a)anthracene	ND	UJ	40	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	25	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	35	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	78	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	44	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Benzyl alcohol	ND	UJ	50	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	33	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Carbazole	ND	UJ	40	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Chrysene	ND	UJ	34	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	34	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	30	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	67	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Dibenzofuran	ND	UJ	27	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Diethylphthalate	ND	UJ	740	740	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Dimethylphthalate	ND	UJ	34	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Fluoranthene	ND	UJ	59	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Fluorene	ND	UJ	29	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Hexachlorobenzene	ND	UJ	38	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	36	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	68	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Hexachloroethane	ND	UJ	44	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	51	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Isophorone	ND	UJ	31	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	61	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	100	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	35	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Naphthalene	ND	UJ	36	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Nitrobenzene	ND	UJ	38	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Pentachlorophenol	ND	UJ	37	1500	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Phenanthrene	ND	UJ	25	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Phenol	ND	UJ	40	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	Pyrene	ND	UJ	44	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	bis(2-Chlordethoxy)methane	ND	UJ	34	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	45	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	57	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	40	370	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	1.8	[illegible]	ug/Kg
AA1-SB25	BOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.85	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	1.1	20	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.69	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	1,1-Dichloroethane	ND	U	1.1	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	1,1-Dichloroethene	ND	U	2.4	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.83	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.36	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	2.4	20	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.85	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.73	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.91	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.91	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	1.7	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	1.1	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	2.8	99	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	2-Hexanone	ND	UJ	4.5	49	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.1	49	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Acetone	60	J	4	99	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Benzene	2.9	J	0.93	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Bromochloromethane	ND	U	0.83	20	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Bromodichloromethane	ND	U	0.59	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Bromoform	ND	U	2	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Bromomethane	ND	U	1.4	20	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Carbon Disulfide	12	J	2.6	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Carbon tetrachloride	ND	U	1.7	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Chlorobenzene	ND	U	4.9	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Chloroethane	ND	U	2.2	20	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Chloroform	ND	U	1.1	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Chloromethane	ND	U	1	20	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Cyclohexane	10		1.1	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Dibromochloromethane	ND	U	0.67	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	2.2	20	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Ethylbenzene	ND	U	1.5	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	1.7	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Methyl Acetate	14		3.2	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Methylcyclohexane	11		0.59	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Methylene Chloride	ND	U	1.2	20	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Styrene	ND	U	0.69	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.63	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	1.9	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Toluene	5.3	J	1.7	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	1.7	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Trichlorofluoromethane	ND	U	1.9	20	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Vinyl chloride	ND	U	2.2	20	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	Xylenes, Total	5.6	J	1.4	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	2.4	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.99	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	2.2	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-0.5'-1.5'	N1	4/19/2007	10:40	0.5	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.63	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	83	420	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	83	420	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	110	420	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	110	420	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	120	420	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8330	2-Nitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8330	3-Nitrotoluene	ND	UJ	120	420	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8330	4-Nitrotoluene	ND	UJ	83	420	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8330	HMX	ND	UJ	83	420	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8330	Nitrobenzene	ND	UJ	92	420	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8330	RDX	ND	UJ	83	420	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8330	Tetryl	ND	UJ	83	420	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Aluminum	17900		12.4	49.8	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Antimony	ND	U	2.5	14.9	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Arsenic	8.4		0.37	1.2	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Barium	125		1.2	49.8	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Beryllium	0.87	J	0.25	1.2	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Cadmium	0.7	J	0.25	1.2	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Calcium	55300		249	1240	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Chromium	25.1		1.2	2.5	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Cobalt	11	J	1.2	12.4	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Copper	28.2		1.2	6.2	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Iron	27600		12.4	24.9	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Lead	13.2	J	0.37	0.75	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Magnesium	18200		249	1240	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Manganese	462		1.2	3.7	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Nickel	30.5		1.2	10	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Potassium	4600		249	1240	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Selenium	ND	U	0.75	1.2	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Silver	ND	U	0.25	2.5	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Sodium	257	J	249	1240	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Thallium	ND	U	0.62	0.62	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Vanadium	36		1.2	12.4	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW6010B	Zinc	65.1		2.5	5	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW7471A	Mercury	0.024	J	0.016	0.039	mg/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4.1	16	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4.1	16	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4.1	16	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4.1	16	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4.1	16	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8082	PCB-1254 (Aroclor 1254)	5.6	J	4.1	16	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8082	PCB-1260 (Aroclor 1260)	16	J	4.1	16	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	32	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	48	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	33	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	49	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	52	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	33	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	43	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	23	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	30	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	46	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	2-Chloronaphthalene	ND	UJ	39	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	2-Chlorophenol	ND	UJ	50	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	2-Methylnaphthalene	ND	UJ	43	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	47	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	2-Nitroaniline	ND	UJ	39	1600	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	2-Nitrophenol	ND	UJ	27	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	39	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	3-Methylphenol	ND	UJ	33	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	3-Nitroaniline	ND	UJ	58	1600	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	27	1600	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	32	[illegible]10	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	34	[illegible]10	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	4-Chloroaniline	ND	UJ	59	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	38	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	32	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	4-Nitroaniline	ND	UJ	120	1600	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	4-Nitrophenol	ND	UJ	99	1600	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Acenaphthene	ND	UJ	32	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Acenaphthylene	ND	UJ	24	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Anthracene	ND	UJ	33	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Benzo(a)anthracene	ND	UJ	45	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Benzo(a)pyrene	ND	UJ	28	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	39	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	87	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	48	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Benzyl alcohol	ND	UJ	55	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Butylbenzylphthalate	ND	UJ	36	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Carbazole	ND	UJ	44	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Chrysene	ND	UJ	38	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Di-n-butylphthalate	ND	UJ	37	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Di-n-octylphthalate	ND	UJ	33	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	74	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Dibenzofuran	ND	UJ	30	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Diethylphthalate	ND	UJ	820	820	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Dimethylphthalate	ND	UJ	37	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Fluoranthene	ND	UJ	66	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Fluorene	ND	UJ	32	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Hexachlorobenzene	ND	UJ	43	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Hexachlorobutadiene	ND	UJ	40	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	75	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Hexachloroethane	ND	UJ	48	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	57	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Isophorone	ND	UJ	35	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	67	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	120	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	39	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Naphthalene	ND	UJ	40	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Nitrobenzene	ND	UJ	42	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Pentachlorophenol	ND	UJ	41	1600	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Phenanthrene	ND	UJ	28	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Phenol	ND	UJ	44	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	Pyrene	ND	UJ	49	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	38	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	50	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	63	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	44	410	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.89	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.42	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.54	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.34	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	1,1-Dichloroethane	ND	U	0.53	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.41	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.42	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.36	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	1,2-Dichloroethane	ND	U	0.45	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	1,2-Dichloropropane	ND	U	0.45	4.9	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.83	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.54	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	49	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	2-Hexanone	ND	UJ	2.3	25	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.57	25	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Acetone	ND	U	12	49	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Benzene	4.4	J	0.46	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Bromochloromethane	ND	U	0.41	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Bromodichloromethane	ND	U	0.3	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Bromoform	ND	U	0.99	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Bromomethane	ND	U	0.71	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Carbon Disulfide	ND	U	1.3	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Carbon tetrachloride	ND	U	0.87	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Chlorobenzene	ND	U	2.5	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Chloroethane	ND	U	1.1	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Chloroform	ND	U	0.54	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Chloromethane	ND	U	0.51	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Cyclohexane	10		0.53	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Dibromochloromethane	ND	U	0.34	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.1	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Ethylbenzene	1.4	J	0.74	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.87	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Methyl Acetate	ND	U	1.6	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Methylcyclohexane	12		0.3	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Methylene Chloride	ND	U	0.61	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Styrene	ND	U	0.34	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.32	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.96	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Toluene	6.9		0.85	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Trichloroethene (TCE)	1.5	J	0.84	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Trichlorofluoromethane	ND	U	0.94	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Vinyl chloride	ND	U	1.1	9.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	Xylenes, Total	5.1		0.69	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.49	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	4.9	ug/Kg
AA1-SB25	PBOW-07-SO-AA1-SB-25-A-8'-10'	N1	4/19/2007	10:50	8	10	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.32	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	83	420	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	83	420	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	110	420	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	110	420	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	120	420	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	UJ	120	420	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8330	HMX	ND	UJ	83	420	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8330	Nitrobenzene	ND	UJ	92	420	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8330	RDX	ND	UJ	83	420	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8330	Tetryl	ND	UJ	83	420	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Aluminum	9520		12	48	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Antimony	ND	U	2.4	14.4	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Arsenic	7.5		0.36	1.2	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Barium	36	J	1.2	48	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Beryllium	0.53	J	0.24	1.2	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Cadmium	0.38	J	0.24	2	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Calcium	9200		240	.00	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Chromium	14.2		1.2	2.4	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Cobalt	5.9	J	1.2	12	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Copper	20.5		1.2	6	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Iron	17800		12	24	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Lead	90.1	J	0.36	0.72	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Magnesium	3210		240	1200	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Manganese	190		1.2	3.6	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Nickel	15.9		1.2	9.6	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Potassium	1270		240	1200	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.72	1.2	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Silver	ND	U	0.24	2.4	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Sodium	ND	U	240	1200	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.42	0.6	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Vanadium	26.3		1.2	12	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW6010B	Zinc	65.9		2.4	4.8	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW7471A	Mercury	0.04	J	0.015	0.038	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	3.9	16	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	3.9	16	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	3.9	16	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	3.9	16	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	3.9	16	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	470	J	20	79	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	1400	J	20	79	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	30	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	46	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	31	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	47	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	50	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	32	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	41	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	22	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	25	1600	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	28	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	44	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	38	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	UJ	48	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	ND	UJ	41	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	45	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	UJ	38	1600	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	UJ	26	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	37	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	UJ	32	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	UJ	56	1600	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	30	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	33	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	UJ	56	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	36	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	31	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	UJ	120	1600	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	UJ	95	1600	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Acenaphthene	ND	UJ	31	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	UJ	23	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Anthracene	ND	UJ	32	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	ND	UJ	43	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	27	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	37	390	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	83	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	46	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	UJ	53	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	35	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Carbazole	ND	UJ	42	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Chrysene	140	J	36	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	36	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	32	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	71	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	UJ	29	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	UJ	780	780	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	UJ	36	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Fluoranthene	ND	UJ	63	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Fluorene	ND	UJ	31	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	UJ	41	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	38	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	72	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	UJ	46	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	54	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Isophorone	ND	UJ	33	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	64	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	110	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	38	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Naphthalene	ND	UJ	38	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	UJ	41	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	UJ	40	1600	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Phenanthrene	ND	UJ	27	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Phenol	ND	UJ	42	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	Pyrene	ND	UJ	47	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	36	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	48	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	60	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	42	390	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.85	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.4	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.52	9.4	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.33	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.51	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.1	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.4	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.17	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.1	9.4	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.4	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.35	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.43	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.43	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.79	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.52	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.3	47	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	2.2	24	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.55	24	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Acetone	45	J	1.9	47	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Benzene	0.68	J	0.44	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.4	9.4	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.28	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Bromoform	ND	U	0.94	7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	0.68	4	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Carbon Disulfide	8.2	J	1.2	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	0.83	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	2.4	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	1	9.4	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.52	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.49	9.4	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Cyclohexane	1.8	J	0.51	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.32	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1	9.4	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	0.71	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.83	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	1.5	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Methylcyclohexane	2.5	J	0.28	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.58	9.4	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.33	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.3	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.92	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Toluene	1.2	J	0.81	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.8	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.9	9.4	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	1	9.4	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	Xylenes, Total	ND	U	0.66	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.1	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.47	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-0.5'-1.5'	N1	4/19/2007	11:05	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.3	4.7	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	87	430	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	87	430	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	110	430	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	110	430	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	130	430	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8330	2-Nitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8330	3-Nitrotoluene	ND	UJ	130	430	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8330	4-Nitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8330	HMX	ND	UJ	87	430	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8330	Nitrobenzene	ND	UJ	96	430	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8330	RDX	ND	UJ	87	430	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8330	Tetryl	ND	UJ	87	430	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Aluminum	12500		12.5	50.1	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Antimony	ND	U	2.5	15	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Arsenic	5.1		0.38	1.3	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Barium	54.4		1.3	50.1	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Beryllium	0.62	J	0.25	1.3	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Cadmium	ND	U	0.25	1.3	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Calcium	4500		251	1250	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Chromium	15.1		1.3	2.5	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Cobalt	6.3	J	1.3	12.5	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Copper	12.3		1.3	6.3	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Iron	14300		12.5	25.1	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Lead	10.5	J	0.38	0.75	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Magnesium	2570		251	1250	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Manganese	128		1.3	3.8	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Nickel	16		1.3	10	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Potassium	971	J	251	1250	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Selenium	ND	U	0.75	1.3	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Silver	ND	U	0.25	2.5	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Sodium	ND	U	251	1250	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Thallium	ND	U	0.5	0.63	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Vanadium	26.7		1.3	12.5	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW6010B	Zinc	35.1		2.5	5	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW7471A	Mercury	0.035	J	0.016	0.04	mg/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4.1	16	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4.1	16	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4.1	16	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4.1	16	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4.1	16	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	9.5	J	4.1	16	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	8	J	4.1	16	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	32	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	48	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	33	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	49	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	52	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	33	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	43	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	23	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	30	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	46	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	39	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	2-Chlorophenol	ND	UJ	50	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	2-Methylnaphthalene	ND	UJ	43	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	48	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	2-Nitroaniline	ND	UJ	39	1600	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	2-Nitrophenol	ND	UJ	27	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	39	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	3-Methylphenol	ND	UJ	33	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	3-Nitroaniline	ND	UJ	58	1600	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	27	1600	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	32	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	34	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	4-Chloroaniline	ND	UJ	59	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	38	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	33	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	4-Nitroaniline	ND	UJ	120	1600	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	4-Nitrophenol	ND	UJ	100	1600	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Acenaphthene	ND	UJ	32	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Acenaphthylene	ND	UJ	24	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Anthracene	ND	UJ	34	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Benzo(a)anthracene	ND	UJ	45	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	28	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	39	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	87	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	48	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Benzyl alcohol	ND	UJ	55	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	36	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Carbazole	ND	UJ	44	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Chrysene	ND	UJ	38	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	37	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	33	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	74	10	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Dibenzofuran	ND	UJ	30	10	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Diethylphthalate	ND	UJ	820	820	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Dimethylphthalate	ND	UJ	38	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Fluoranthene	ND	UJ	66	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Fluorene	ND	UJ	32	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Hexachlorobenzene	ND	UJ	43	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	40	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	75	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Hexachloroethane	ND	UJ	48	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	57	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Isophorone	ND	UJ	35	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	67	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	120	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	39	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Naphthalene	ND	UJ	40	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Nitrobenzene	ND	UJ	42	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Pentachlorophenol	ND	UJ	42	1600	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Phenanthrene	ND	UJ	28	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Phenol	ND	UJ	44	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	Pyrene	ND	UJ	49	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	38	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	50	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	63	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	44	410	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.89	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.42	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.54	9.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.34	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.53	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.41	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	9.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.42	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.36	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.45	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.45	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.83	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.54	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	49	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.3	25	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.57	25	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Acetone	20	J	2	49	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Benzene	0.62	J	0.46	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.41	9.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.3	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Bromoform	ND	U	0.99	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Bromomethane	ND	U	0.71	9.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.3	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.87	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Chlorobenzene	ND	U	2.5	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Chloroethane	ND	U	1.1	9.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Chloroform	ND	U	0.54	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Chloromethane	ND	U	0.51	9.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Cyclohexane	0.92	J	0.53	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.34	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.1	9.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.74	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.87	4.9	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.6	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Methylcyclohexane	0.92	J	0.3	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.61	9.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Styrene	ND	U	0.34	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.32	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.96	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Toluene	ND	U	0.85	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.84	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.94	9.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Vinyl chloride	ND	U	1.1	9.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	Xylenes, Total	ND	U	0.69	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.49	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	4.9	ug/Kg
AA1-SB26	PBOW-07-SO-AA1-SB-26-A-3'-5'	N1	4/19/2007	11:15	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.32	4.9	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	83	420	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	83	420	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	110	420	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	110	420	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	120	420	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	UJ	120	420	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8330	HMX	ND	UJ	83	420	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8330	Nitrobenzene	ND	UJ	92	420	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8330	RDX	ND	UJ	83	420	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8330	Tetryl	ND	UJ	83	420	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Aluminum	8640		12.4	49.6	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Antimony	ND	U	2.5	14.9	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Arsenic	6.9		0.37	1.2	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Barium	42	J	1.2	49.6	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Beryllium	0.55	J	0.25	1.2	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Cadmium	0.73	J	0.25	1.2	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Calcium	11300		248	1240	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Chromium	19.7		1.2	2.5	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Cobalt	6.5	J	1.2	12.4	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Copper	33		1.2	6.2	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Iron	28900		12.4	24.8	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Lead	585	J	0.37	0.74	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Magnesium	2010		248	1240	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Manganese	296		1.2	3.7	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Nickel	21.8		1.2	9.9	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Potassium	975	J	248	1240	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.74	1.2	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Silver	ND	U	0.25	2.5	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Sodium	ND	U	248	1240	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.43	0.62	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Vanadium	28.1		1.2	12.4	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW6010B	Zinc	163		2.5	5	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW7471A	Mercury	0.046	J	0.014	0.035	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4	16	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4	16	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4	16	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4	16	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4		ug/Kg
AA1-SB27	BOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	1200	J	20		ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	2900	J	20	81	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	31	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	47	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	32	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	48	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	51	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	32	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	42	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	22	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	54	J	29	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	45	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	38	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	UJ	49	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	47	J	42	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	46	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	UJ	38	1600	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	UJ	26	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	38	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	UJ	32	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	UJ	57	1600	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	31	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	33	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	UJ	57	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	37	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	32	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	UJ	120	1600	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	UJ	97	1600	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Acenaphthene	ND	UJ	32	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	UJ	23	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Anthracene	ND	UJ	33	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	ND	UJ	44	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	27	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	38	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	84	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	47	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	UJ	54	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	36	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Carbazole	ND	UJ	43	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Chrysene	ND	UJ	37	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	36	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	32	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	72	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	UJ	29	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	UJ	800	800	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	UJ	36	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Fluoranthene	ND	UJ	64	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Fluorene	ND	UJ	31	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	UJ	42	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	39	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	73	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	UJ	47	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	55	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Isophorone	ND	UJ	34	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	66	400	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	110	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	38	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Naphthalene	ND	UJ	39	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	UJ	41	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	UJ	40	1600	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Phenanthrene	ND	UJ	27	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Phenol	ND	UJ	43	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	Pyrene	ND	UJ	48	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	37	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	49	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	61	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	43	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.91	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.43	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.55	10	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.35	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.54	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.42	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	0.22	J	0.18	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.43	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.37	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.46	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.46	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.85	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.55	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	50	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	2.3	25	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.58	25	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Acetone	89	J	2	50	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Benzene	ND	U	0.47	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.42	10	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.3	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Bromoform	ND	U	1	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	0.72	10	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Carbon Disulfide	1.6	J	1.3	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	0.89	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	2.5	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	1.1	10	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.55	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.52	10	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Cyclohexane	0.9	J	0.54	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.34	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	0.76	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.89	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	1.6	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Methylcyclohexane	1.3	J	0.3	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.62	10	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.35	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.32	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.98	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Toluene	ND	U	0.87	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.86	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.96	10	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	1.1	[illegible]	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	Xylenes, Total	ND	U	0.7	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.5	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-0.5'-1.5'	N1	4/19/2007	13:10	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.32	5	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	100	500	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	100	500	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	130	500	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	130	500	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	150	500	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8330	2-Nitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8330	3-Nitrotoluene	ND	UJ	150	500	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8330	4-Nitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8330	HMX	ND	UJ	100	500	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8330	Nitrobenzene	ND	UJ	110	500	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8330	RDX	ND	UJ	100	500	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8330	Tetryl	ND	UJ	100	500	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Aluminum	13200		12.1	48.5	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Antimony	ND	U	2.4	14.6	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Arsenic	5.7		0.36	1.2	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Barium	69.1		1.2	48.5	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Beryllium	0.66	J	0.24	1.2	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Cadmium	0.5	J	0.24	1.2	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Chromium	19.8		1.2	2.4	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Cobalt	9	J	1.2	12.1	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Copper	23.4		1.2	6.1	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Iron	20300		12.1	24.3	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Lead	11.3	J	0.36	0.73	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Magnesium	11900		243	1210	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Manganese	506		1.2	3.6	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Nickel	28.1		1.2	9.7	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Potassium	2640		243	1210	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Selenium	ND	U	0.73	1.2	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Silver	ND	U	0.24	2.4	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Sodium	ND	U	243	1210	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Thallium	ND	U	0.42	0.61	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Vanadium	30.5		1.2	12.1	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW6010B	Zinc	64.6		2.4	4.9	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW7471A	Mercury	0.018	J	0.016	0.039	mg/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4	16	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4	16	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4	16	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4	16	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4	16	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	4	16	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	4	16	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	31	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	47	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	32	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	48	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	51	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	32	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	42	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	23	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	29	400	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	46	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	39	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	2-Chlorophenol	ND	UJ	49	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	2-Methylnaphthalene	ND	UJ	42	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	47	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	2-Nitroaniline	ND	UJ	39	1600	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	2-Nitrophenol	ND	UJ	27	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	38	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	3-Methylphenol	ND	UJ	33	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	3-Nitroaniline	ND	UJ	57	1600	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	31	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	34	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	4-Chloroaniline	ND	UJ	58	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	37	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	32	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	4-Nitroaniline	ND	UJ	120	1600	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	4-Nitrophenol	ND	UJ	98	1600	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Acenaphthene	ND	UJ	32	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Acenaphthylene	ND	UJ	24	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Anthracene	ND	UJ	33	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Benzo(a)anthracene	ND	UJ	44	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	28	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	38	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	85	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	48	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Benzyl alcohol	ND	UJ	54	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	36	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Carbazole	ND	UJ	44	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Chrysene	ND	UJ	37	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	37	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	32	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	73	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Dibenzofuran	ND	UJ	30	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Diethylphthalate	ND	UJ	810	810	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Dimethylphthalate	ND	UJ	37	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Fluoranthene	ND	UJ	65	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Fluorene	ND	UJ	32	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Hexachlorobenzene	ND	UJ	42	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	40	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	74	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Hexachloroethane	ND	UJ	48	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	56	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Isophorone	ND	UJ	34	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	66	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	110	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	39	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Naphthalene	ND	UJ	39	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Nitrobenzene	ND	UJ	42	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Pentachlorophenol	ND	UJ	41	1600	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Phenanthrene	ND	UJ	28	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Phenol	ND	UJ	44	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	Pyrene	ND	UJ	48	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	37	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	49	400	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	62	0	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	140	J	44	0	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.86	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.41	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.53	9.6	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.34	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.52	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.1	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.4	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.17	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.1	9.6	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.41	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.35	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.44	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.44	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.8	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.53	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	11	J	1.3	48	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.2	24	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.56	24	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Acetone	39	J	1.9	48	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Benzene	ND	U	0.45	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.4	9.6	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.29	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Bromoform	ND	U	0.96	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Bromomethane	ND	U	0.69	9.6	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.2	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.84	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Chlorobenzene	ND	U	2.4	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Chloroethane	ND	U	1	9.6	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Chloroform	ND	U	0.53	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Chloromethane	ND	U	0.5	9.6	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Cyclohexane	1.1	J	0.52	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.32	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1	9.6	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.72	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.84	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.5	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Methylcyclohexane	ND	U	0.29	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.59	9.6	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Styrene	ND	U	0.34	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.31	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.93	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Toluene	ND	U	0.82	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.81	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.91	9.6	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Vinyl chloride	ND	U	1	9.6	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	Xylenes, Total	ND	U	0.67	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.1	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.48	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1	4.8	ug/Kg
AA1-SB27	PBOW-07-SO-AA1-SB-27-A-3'-5'	N1	4/19/2007	13:15	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.31	4.8	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	100	500	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	U	100	500	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	100	500	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	U	130	500	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	U	130	500	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	150	500	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	U	100	500	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	U	150	500	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	100	500	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	U	100	500	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	HMX	ND	U	100	500	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	Nitrobenzene	ND	U	110	500	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	RDX	ND	U	100	500	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	Tetryl	ND	U	100	500	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Aluminum	10300		12.3	49.4	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Antimony	ND	U	2.5	14.8	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Arsenic	5		0.37	1.2	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Barium	26.7	J	1.2	49.4	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Beryllium	0.51	J	0.25	1.2	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Cadmium	0.68	J	0.25	1.2	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Calcium	3930		247	1230	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Chromium	16		1.2	2.5	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Cobalt	5.5	J	1.2	12.3	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Copper	10.5		1.2	6.2	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Iron	19700		12.3	24.7	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Lead	88.2	J	0.37	0.74	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Magnesium	1500		247	1230	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Manganese	356		1.2	3.7	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Nickel	13.4		1.2	9.9	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Potassium	524	J	247	1230	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.74	1.2	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Silver	ND	U	0.25	2.5	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Sodium	ND	U	247	1230	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.43	0.62	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Vanadium	33.8		1.2	12.3	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Zinc	104		2.5	4.9	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW7471A	Mercury	0.032	J	0.013	0.033	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.1	16	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.1	16	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.1	16	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.1	16	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.1	16	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	180		4.1	16	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	460		4.1	16	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	31	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	47	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	32	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	48	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	51	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	32	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	42	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	U	23	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	U	26	1600	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	U	160	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	29	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	46	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	U	38	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	U	49	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	ND	U	42	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	46	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	U	39	1600	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	U	26	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	38	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	U	33	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	U	57	[illegible]0	ug/Kg
AA1-SB28	BOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	26	[illegible]0	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	31	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	33	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	U	58	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	37	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	32	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	U	120	1600	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	U	97	1600	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Acenaphthene	ND	U	32	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	U	24	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Anthracene	ND	U	33	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	ND	U	44	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	U	28	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	38	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	85	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	47	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	U	54	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	U	36	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Carbazole	ND	U	44	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Chrysene	ND	U	37	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	U	37	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	U	32	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	72	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	U	29	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	U	800	800	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	U	37	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Fluoranthene	ND	U	64	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Fluorene	ND	U	31	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	U	42	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	U	39	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	74	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	U	47	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	56	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Isophorone	ND	U	34	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	66	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	110	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	38	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Naphthalene	ND	U	39	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	U	42	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	U	41	1600	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Phenanthrene	ND	U	28	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Phenol	ND	U	43	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Pyrene	ND	U	48	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	37	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	49	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	62	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	44	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.82	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.39	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.5	9.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.32	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.5	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.1	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.38	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.16	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.1	9.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.39	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.34	4.6	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.42	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.42	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.77	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.5	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.3	46	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	2.1	23	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.53	23	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Acetone	58		1.8	46	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Benzene	ND	U	0.43	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.38	9.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.28	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Bromoform	ND	U	0.92	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	0.66	9.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Carbon Disulfide	1.4	J	1.2	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	0.81	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	2.3	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	1	9.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.5	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.48	9.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Cyclohexane	0.63	J	0.5	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.31	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1	9.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	0.69	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.81	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	1.5	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Methylcyclohexane	0.8	J	0.28	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.57	9.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.32	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.29	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.89	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Toluene	ND	U	0.79	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.78	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.87	9.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	1	9.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Xylenes, Total	ND	U	0.64	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.1	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.46	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.29	4.6	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	80	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8330	1,3-Dinitrobenzene	ND	U	80	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	80	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8330	2,4-Dinitrotoluene	ND	U	100	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8330	2,6-Dinitrotoluene	ND	U	100	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	120	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8330	2-Nitrotoluene	ND	U	80	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8330	3-Nitrotoluene	ND	U	120	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	80	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8330	4-Nitrotoluene	110	J	80	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8330	HMX	ND	U	80	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8330	Nitrobenzene	ND	U	88	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8330	RDX	ND	U	80	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8330	Tetryl	ND	U	80	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Aluminum	12500		11.1	44.4	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Antimony	ND	U	2.2	13.3	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Arsenic	13.4		0.33	1.1	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Barium	61.4		1.1	4	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Beryllium	0.66	J	0.22	1	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Cadmium	0.63	J	0.22	1.1	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Calcium	51700		222	1110	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Chromium	17.5		1.1	2.2	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Cobalt	12.2		1.1	11.1	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Copper	31.5		1.1	5.6	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Iron	27300		11.1	22.2	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Lead	12.9	J	0.33	0.67	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Magnesium	14600		222	1110	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Manganese	698		1.11	3.66	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Nickel	33.1		1.1	8.9	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Potassium	3540		222	1110	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Selenium	ND	U	0.67	1.1	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Silver	ND	U	0.22	2.2	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Sodium	ND	U	222	1110	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Thallium	ND	U	0.39	0.56	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Vanadium	23		1.1	11.1	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW6010B	Zinc	78.5		2.2	4.4	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW7471A	Mercury	0.017	J	0.013	0.033	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	3.7	15	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	3.7	15	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	3.7	15	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	3.7	15	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	3.7	15	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8082	PCB-1254 (Aroclor 1254)	3.9	J	3.7	15	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8082	PCB-1260 (Aroclor 1260)	8	J	3.7	15	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	28	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	1,2-Dichlorobenzene	ND	U	43	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	29	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	1,3-Dichlorobenzene	ND	U	44	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	1,4-Dichlorobenzene	ND	U	46	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	29	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	38	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	2,4-Dichlorophenol	ND	U	20	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	2,4-Dimethylphenol	ND	U	23	1400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	2,4-Dinitrophenol	ND	U	140	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	2,4-Dinitrotoluene	ND	U	26	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	2,6-Dinitrotoluene	ND	U	41	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	2-Chloronaphthalene	ND	U	35	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	2-Chlorophenol	ND	U	44	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	2-Methylnaphthalene	ND	U	38	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	42	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	2-Nitroaniline	ND	U	35	1400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	2-Nitrophenol	ND	U	24	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	34	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	3-Methylphenol	ND	U	30	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	3-Nitroaniline	ND	U	52	1400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	24	1400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	28	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	30	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	4-Chloroaniline	ND	U	52	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	34	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	29	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	4-Nitroaniline	ND	U	110	1400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	4-Nitrophenol	ND	U	88	1400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Acenaphthene	ND	U	29	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Acenaphthylene	ND	U	21	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Anthracene	ND	U	30	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Benzo(a)anthracene	ND	U	40	360	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Benzo(a)pyrene	ND	U	25	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Benzo(b)fluoranthene	ND	U	34	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	77	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Benzo(k)fluoranthene	ND	U	43	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Benzyl alcohol	ND	U	49	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Butylbenzylphthalate	ND	U	32	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Carbazole	ND	U	40	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Chrysene	ND	U	34	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Di-n-butylphthalate	ND	U	33	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Di-n-octylphthalate	ND	U	29	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	66	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Dibenzofuran	ND	U	27	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Diethylphthalate	ND	U	730	730	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Dimethylphthalate	ND	U	33	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Fluoranthene	ND	U	58	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Fluorene	ND	U	28	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Hexachlorobenzene	ND	U	38	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Hexachlorobutadiene	ND	U	36	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	67	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Hexachloroethane	ND	U	43	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	50	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Isophorone	ND	U	31	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	60	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	N-Nitrosodimethylamine	ND	U	100	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	35	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Naphthalene	ND	U	35	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Nitrobenzene	ND	U	38	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Pentachlorophenol	ND	U	37	1400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Phenanthrene	150	J	25	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Phenol	ND	U	39	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	Pyrene	ND	U	43	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	34	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	45	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	56	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	39	360	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.75	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.36	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.46	8.3	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.29	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	1,1-Dichloroethane	ND	U	0.45	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	1,1-Dichloroethene	ND	U	1	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.35	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.15	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1	8.3	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.36	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.31	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	1,2-Dichloroethane	ND	U	0.38	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	1,2-Dichloropropane	ND	U	0.38	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.7	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.46	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	42	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	2-Hexanone	ND	UJ	1.9	21	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.48	21	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Acetone	33	J	1.7	42	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Benzene	0.88	J	0.39	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Bromochloromethane	ND	U	0.35	[illegible]3	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Bromodichloromethane	ND	U	0.25	[illegible]2	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Bromoform	ND	U	0.83	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Bromomethane	ND	U	0.6	8.3	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Carbon Disulfide	2	J	1.1	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Carbon tetrachloride	ND	U	0.73	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Chlorobenzene	ND	U	2.1	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Chloroethane	ND	U	0.92	8.3	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Chloroform	ND	U	0.46	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Chloromethane	ND	U	0.43	8.3	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Cyclohexane	2.5	J	0.45	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Dibromochloromethane	ND	U	0.28	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Dichlorodifluoromethane	ND	U	0.92	8.3	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Ethylbenzene	ND	U	0.62	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.73	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Methyl Acetate	ND	U	1.3	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Methylcyclohexane	1.9	J	0.25	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Methylene Chloride	ND	U	0.52	8.3	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Styrene	ND	U	0.29	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.27	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.81	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Toluene	1.5	J	0.72	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Trichloroethene (TCE)	1.6	J	0.71	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Trichlorofluoromethane	ND	U	0.79	8.3	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Vinyl chloride	ND	U	0.92	8.3	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	Xylenes, Total	ND	U	0.58	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.42	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	0.92	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-A-8'-10'	N1	4/19/2007	13:50	8	10	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.27	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	87	430	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	U	87	430	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	87	430	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	U	110	430	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	U	110	430	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	130	430	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	U	87	430	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	U	130	430	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	87	430	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	U	87	430	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8330	HMX	ND	U	87	430	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8330	Nitrobenzene	ND	U	96	430	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8330	RDX	ND	U	87	430	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8330	Tetryl	ND	U	87	430	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Aluminum	9140		12.2	48.8	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Antimony	ND	U	2.4	14.6	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Arsenic	3.9		0.37	1.2	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Barium	19.2	J	1.2	48.8	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Beryllium	0.44	J	0.24	1.2	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Cadmium	0.3	J	0.24	1.2	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Calcium	2440		244	1220	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Chromium	13.7		1.2	2.4	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Cobalt	5	J	1.2	12.2	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Copper	6.6		1.2	6.1	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Iron	17100		12.2	24.4	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Lead	39.8	J	0.37	0.73	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Magnesium	1110	J	244	1220	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Manganese	387		1.2	3.7	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Nickel	9.7	J	1.2	9.8	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Potassium	458	J	244	1220	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.73	1.2	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Silver	ND	U	0.24	2.4	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Sodium	ND	U	244	1220	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.43	0.61	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Vanadium	32		1.2	12.2	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Zinc	48.5		2.4	4.9	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW7471A	Mercury	0.035	J	0.015	0.038	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4	16	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4	16	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4	16	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4	16	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4	16	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	290		4	16	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	590		8	32	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	32	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	48	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	32	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	48	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	52	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	32	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	42	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	U	23	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	U	26	1600	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	U	160	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	29	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	46	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	U	39	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	U	50	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	ND	U	42	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	47	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	U	39	1600	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	U	27	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	38	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	U	33	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	U	57	1600	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	26	1600	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	31	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	34	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	U	58	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	37	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	32	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	U	120	1600	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	U	98	1600	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Acenaphthene	ND	U	32	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	U	24	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Anthracene	ND	U	33	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	ND	U	44	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	U	28	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	38	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	86	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	48	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	U	55	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	U	36	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Carbazole	ND	U	44	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Chrysene	ND	U	38	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	U	37	0	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	U	33	0	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	73	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	U	30	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	U	810	810	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	U	37	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Fluoranthene	ND	U	65	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Fluorene	ND	U	32	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	U	42	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	U	40	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	74	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	U	48	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	56	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Isophorone	ND	U	34	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	67	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	120	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	39	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Naphthalene	ND	U	39	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	U	42	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	U	41	1600	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Phenanthrene	ND	U	28	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Phenol	ND	U	44	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Pyrene	ND	U	48	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	38	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	50	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	62	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	44	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.92	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.44	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.56	10	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.36	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.55	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.43	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.44	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.38	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.47	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.47	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.86	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.56	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	51	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	2.3	25	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.59	25	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Acetone	48	J	2	51	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Benzene	ND	U	0.48	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.43	10	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.3	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Bromoform	ND	U	1	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	0.73	10	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Carbon Disulfide	ND	U	1.3	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	0.9	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	2.5	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	1.1	10	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.56	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.53	10	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Cyclohexane	1.2	J	0.55	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.35	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	0.76	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.9	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Methyl Acetate	2.1	J	1.6	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Methylcyclohexane	ND	U	0.3	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.63	10	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.36	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.33	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.99	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Toluene	ND	U	0.88	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.87	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.97	10	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	1.1	10	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Xylenes, Total	ND	U	0.71	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.51	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5.1	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB-28-D-0.5'-1.5'	FD1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.33	5.1	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	95	480	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	95	480	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	180	J	120	480	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	U	120	480	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	140	480	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	U	95	480	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	U	140	480	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	95	480	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	U	95	480	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8330	HMX	ND	U	95	480	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8330	Nitrobenzene	ND	U	100	480	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8330	RDX	ND	U	95	480	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8330	Tetryl	ND	U	95	480	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8330	Tetryl	ND	U	95	480	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Aluminum	8310		12.1	48.4	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Antimony	ND	U	2.4	14.5	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Arsenic	7.5		0.36	1.2	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Barium	145		1.2	48.4	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Beryllium	0.44	J	0.24	1.2	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Cadmium	1.5		0.24	1.2	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Calcium	56100		242	1210	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Chromium	14.5		1.2	2.4	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Cobalt	6.3	J	1.2	12.1	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Copper	21.1		1.2	6.1	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Iron	16100		12.1	24.2	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Lead	597	J	0.36	0.73	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Magnesium	15400		242	1210	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Manganese	457		1.2	3.6	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Nickel	17.5		1.2	9.7	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Potassium	1040	J	242	1210	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.73	1.2	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Silver	ND	U	0.24	2.4	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Sodium	ND	U	242	1210	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.42	0.61	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Vanadium	21.1		1.2	12.1	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW6010B	Zinc	181		2.4	4.8	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW7471A	Mercury	0.72		0.015	0.038	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	3.9	16	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	3.9	16	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	3.9	[illegible]	ug/Kg
AA1-SB29	BOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	3.9	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	3.9	16	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	7100		79	310	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	5200		79	310	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	31	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	46	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	32	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	47	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	50	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	32	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	41	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	U	22	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	U	25	1600	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	U	160	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	28	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	45	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	U	38	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	U	48	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	44	J	41	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	46	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	U	38	1600	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	U	26	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	37	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	U	32	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	U	56	1600	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	26	1600	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	31	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	33	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	U	57	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	36	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	31	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	U	120	1600	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	U	96	1600	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Acenaphthene	ND	U	31	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	U	23	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Anthracene	ND	U	32	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	ND	U	43	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	U	27	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	37	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	84	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	47	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	U	53	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	U	35	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Carbazole	ND	U	43	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Chrysene	ND	U	37	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	U	36	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	U	32	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	71	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	U	29	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	U	790	790	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	U	36	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Fluoranthene	ND	U	64	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Fluorene	ND	U	31	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	U	41	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	U	39	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	73	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	U	47	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	55	400	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Isophorone	ND	U	34	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	65	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	110	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	38	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Naphthalene	ND	U	38	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	U	41	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	U	40	1600	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Phenanthrene	ND	U	27	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Phenol	ND	U	43	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	Pyrene	ND	U	47	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	37	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	48	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	61	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	43	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	53	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	26	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	33	590	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	21	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	32	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	71	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	25	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	11	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	71	590	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	26	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	22	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	27	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	27	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	50	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	33	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	83	3000	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	140	1500	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	34	1500	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Acetone	ND	U	120	3000	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Benzene	ND	U	28	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	25	590	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	18	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Bromoform	ND	U	59	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	43	590	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Carbon Disulfide	ND	U	77	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	52	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	150	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	65	590	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Chloroform	ND	U	33	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	31	590	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Cyclohexane	ND	U	32	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	20	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	65	590	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	44	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	52	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Methyl Acetate	460		95	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Methylcyclohexane	300	J	18	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	37	590	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Styrene	ND	U	21	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	19	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	58	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Toluene	ND	U	51	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	50	[illegible]	ug/Kg
AA1-SB29	BOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	56	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	65	590	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	Xylenes, Total	ND	U	42	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	71	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	30	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	65	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-0.5'-1.5'	N1	4/19/2007	15:20	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	19	300	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	80	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	U	80	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	80	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	U	100	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	U	100	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	120	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8330	2-Nitrotoluene	ND	U	80	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8330	3-Nitrotoluene	ND	U	120	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	80	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8330	4-Nitrotoluene	ND	U	80	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8330	HMX	ND	U	80	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8330	Nitrobenzene	ND	U	88	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8330	RDX	ND	U	80	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8330	Tetryl	ND	U	80	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Aluminum	19400		12.3	49	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Antimony	ND	U	4.9	29.4	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Arsenic	13.2		0.38	1.23	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Barium	98.3		1.2	49	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Beryllium	1	J	0.24	1.2	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Cadmium	ND	U	0.49	1.23	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Calcium	2720		245	1230	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Chromium	26.4		1.2	2.5	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Cobalt	12	J	1.23	12.3	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Copper	27		1.2	6.1	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Iron	33300		12.3	24.5	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Lead	15.6	J	0.38	0.74	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Magnesium	4660		245	1230	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Manganese	464		1.23	3.68	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Nickel	31.8		1.23	9.8	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Potassium	2100		245	1230	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Selenium	ND	U	1.5	2.45	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Silver	ND	U	0.25	2.5	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Sodium	ND	U	245	1230	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Thallium	ND	U	0.86	1.23	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Vanadium	41.9		1.23	12.3	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW6010B	Zinc	71.3		2.46	4.92	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW7471A	Mercury	0.034	J	0.016	0.041	mg/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4	16	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4	16	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4	16	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4	16	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4	16	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	4.4	J	4	16	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	4.2	J	4	16	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	31	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	47	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	32	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	48	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	52	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	32	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	42	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	U	23	400	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	U	26	1600	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	29	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	46	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	2-Chloronaphthalene	ND	U	39	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	2-Chlorophenol	ND	U	49	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	2-Methylnaphthalene	ND	U	42	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	47	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	2-Nitroaniline	ND	U	39	1600	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	2-Nitrophenol	ND	U	27	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	38	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	3-Methylphenol	ND	U	33	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	3-Nitroaniline	ND	U	57	1600	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	31	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	34	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	4-Chloroaniline	ND	U	58	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	37	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	32	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	4-Nitroaniline	ND	U	120	1600	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	4-Nitrophenol	ND	U	98	1600	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Acenaphthene	ND	U	32	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Acenaphthylene	ND	U	24	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Anthracene	ND	U	33	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Benzo(a)anthracene	ND	U	44	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Benzo(a)pyrene	ND	U	28	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	38	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	86	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	48	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Benzyl alcohol	ND	U	54	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Butylbenzylphthalate	ND	U	36	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Carbazole	ND	U	44	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Chrysene	ND	U	38	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Di-n-butylphthalate	ND	U	37	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Di-n-octylphthalate	ND	U	33	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	73	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Dibenzofuran	ND	U	30	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Diethylphthalate	ND	U	810	810	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Dimethylphthalate	ND	U	37	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Fluoranthene	ND	U	65	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Fluorene	ND	U	32	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Hexachlorobenzene	ND	U	42	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Hexachlorobutadiene	ND	U	40	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	74	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Hexachloroethane	ND	U	48	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	56	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Isophorone	ND	U	34	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	66	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	120	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	39	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Naphthalene	ND	U	39	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Nitrobenzene	ND	U	42	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Pentachlorophenol	ND	U	41	1600	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Phenanthrene	ND	U	28	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Phenol	ND	U	44	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	Pyrene	ND	U	48	[illegible]	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	38	J	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	50	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	62	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	44	400	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.82	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.39	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.5	9.1	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.32	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	1,1-Dichloroethane	ND	UJ	0.49	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	1,1-Dichloroethene	ND	UJ	1.1	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	UJ	0.38	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	UJ	0.16	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.1	9.1	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.39	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	UJ	0.34	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.42	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.42	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	UJ	0.76	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	UJ	0.5	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	3.9	J	1.3	46	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.1	23	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.53	23	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Acetone	32	J	1.8	46	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Benzene	ND	UJ	0.43	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Bromochloromethane	ND	UJ	0.38	9.1	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.27	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Bromoform	ND	U	0.91	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Bromomethane	ND	U	0.66	9.1	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.2	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Carbon tetrachloride	ND	UJ	0.8	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Chlorobenzene	ND	UJ	2.3	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Chloroethane	ND	U	1	9.1	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Chloroform	ND	UJ	0.5	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Chloromethane	ND	U	0.47	9.1	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Cyclohexane	ND	UJ	0.49	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.31	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1	9.1	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Ethylbenzene	ND	UJ	0.68	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	UJ	0.8	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.4	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Methylcyclohexane	ND	UJ	0.27	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.56	9.1	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Styrene	ND	UJ	0.32	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.29	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	UJ	0.88	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Toluene	ND	UJ	0.78	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	UJ	0.77	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.86	9.1	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Vinyl chloride	ND	U	1	9.1	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	Xylenes, Total	ND	UJ	0.64	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.1	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.46	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1	4.6	ug/Kg
AA1-SB29	PBOW-07-SO-AA1-SB-29-A-3'-5'	N1	4/19/2007	15:30	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	UJ	0.29	4.6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	80	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	U	95	480	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	U	80	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	80	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	U	100	400	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	U	100	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	120	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	U	80	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	U	120	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	80	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	U	80	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8330	HMX	ND	U	80	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8330	Nitrobenzene	ND	U	88	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8330	RDX	ND	U	80	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Aluminum	7610		11.6	46.6	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Antimony	ND	U	2.3	14	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Arsenic	4.7		0.35	1.2	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Barium	58.5		1.2	46.6	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Beryllium	0.34	J	0.23	1.2	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Cadmium	0.4	J	0.23	1.2	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Calcium	36800		233	1160	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Chromium	10.4		1.2	2.3	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Cobalt	3.2	J	1.2	11.6	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Copper	9.7		1.2	5.8	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Iron	12200		11.6	23.3	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Lead	58.4	J	0.35	0.7	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Magnesium	2740		233	1160	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Manganese	260		1.2	3.5	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Nickel	9.5		1.2	9.3	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Potassium	556	J	233	1160	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.7	1.2	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Silver	ND	U	0.23	2.3	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Sodium	ND	U	233	1160	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.58	0.58	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Vanadium	18.8		1.2	11.6	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW6010B	Zinc	45		2.3	4.7	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW7471A	Mercury	0.029	J	0.013	0.034	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	3.9	16	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	3.9	16	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	3.9	16	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	3.9	16	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	3.9	16	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	4000		78	310	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	9700		78	310	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	29	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	44	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	30	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	45	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	48	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	30	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	40	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	U	21	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	U	24	1500	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	U	150	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	27	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	43	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	U	36	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	U	46	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	ND	U	40	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	44	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	U	36	1500	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	U	25	[illegible]	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	36	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	U	31	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	U	54	1500	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	25	1500	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	29	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	31	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	U	54	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	35	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	30	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	U	110	1500	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	U	92	1500	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Acenaphthene	ND	U	30	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	U	22	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Anthracene	ND	U	31	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	ND	U	41	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	U	26	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	36	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	80	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	44	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	U	51	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	U	34	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Carbazole	ND	U	41	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Chrysene	ND	U	35	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	U	34	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	U	30	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	68	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	U	28	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	U	760	760	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	U	34	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Fluoranthene	ND	U	61	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Fluorene	ND	U	30	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	U	39	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	U	37	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	69	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	U	44	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	62	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Isophorone	ND	U	32	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	62	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	110	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	36	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Naphthalene	ND	U	37	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	U	39	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	U	38	1500	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Phenanthrene	ND	U	26	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Phenol	ND	U	41	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	Pyrene	ND	U	45	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	35	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	46	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	58	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	41	380	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	1.1	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.55	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.7	13	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.44	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.69	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.5	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.53	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.23	6.4	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.5	13	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.55	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.47	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.58	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.58	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	1.1	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.7	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.8	64	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	2.9	32	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.74	32	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Acetone	66		2.5	64	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Benzene	2.2	J	0.6	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.53	13	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.38	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Bromoform	ND	U	1.3	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	0.92	13	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Carbon Disulfide	6.6	J	1.6	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	1.1	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	3.2	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	1.4	13	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.7	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.66	13	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Cyclohexane	13		0.69	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.43	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.4	13	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Ethylbenzene	1.6	J	0.95	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	1.1	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	2	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Methylcyclohexane	27		0.38	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.79	13	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.44	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.41	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	1.2	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Toluene	4.9	J	1.1	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	1.1	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	1.2	13	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	1.4	13	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	Xylenes, Total	9.5		0.89	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.5	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.64	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.4	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-0.5'-1.5'	N1	4/19/2007	15:45	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.41	6.4	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	91	450	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	U	91	450	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	91	450	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	2,4-Dinitrotoluene	120	J	120	450	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	U	120	450	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	140	450	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	2-Nitrotoluene	ND	U	91	450	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	3-Nitrotoluene	ND	U	140	450	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	91	450	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	4-Nitrotoluene	ND	U	91	450	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	HMX	ND	U	91	450	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	Nitrobenzene	ND	U	100	450	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	RDX	ND	U	91	450	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	Tetryl	ND	U	91	450	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Aluminum	12800		12.8	[illegible]3	mg/Kg
AA1-SB30	BOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Antimony	ND	U	5.1	[illegible]	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Arsenic	13		0.38	1.28	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Barium	75.7		1.3	51.3	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Beryllium	0.48	J	0.26	1.3	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Cadmium	0.51	J	0.23	1.28	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Calcium	1530		256	1280	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Chromium	24.5		1.3	2.6	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Cobalt	5.6	J	1.28	12.8	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Copper	27.9		1.3	6.4	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Iron	36200		12.8	25.6	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Lead	29.1	J	0.38	0.77	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Magnesium	2570		256	1280	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Manganese	185		1.28	3.84	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Nickel	20.4	J	2.56	20.48	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Potassium	1840		256	1280	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Selenium	ND	U	1.5	1.28	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Silver	ND	U	0.26	2.6	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Sodium	ND	U	256	1280	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Thallium	ND	U	0.9	1.28	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Vanadium	44.7		1.28	12.8	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Zinc	51.1		2.56	5.12	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW7471A	Mercury	ND	U	0.015	0.039	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.2	17	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.2	17	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.2	17	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.2	17	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.2	17	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	U	4.2	17	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	ND	U	4.2	17	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	32	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	49	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	33	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	49	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	53	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	33	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	43	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	U	23	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	U	26	1600	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	U	160	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2,4-Dinitrotoluene	110	J	30	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	47	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2-Chloronaphthalene	ND	U	40	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2-Chlorophenol	ND	U	51	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2-Methylnaphthalene	ND	U	43	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	48	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2-Nitroaniline	ND	U	40	1600	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2-Nitrophenol	ND	U	27	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	39	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	3-Methylphenol	ND	U	34	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	3-Nitroaniline	ND	U	59	1600	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	27	1600	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	32	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	34	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	4-Chloroaniline	ND	U	59	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	38	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	33	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	4-Nitroaniline	ND	U	120	1600	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	4-Nitrophenol	ND	U	100	1600	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Acenaphthene	ND	U	33	410	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Acenaphthylene	ND	U	24	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Anthracene	ND	U	34	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Benzo(a)anthracene	ND	U	45	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Benzo(a)pyrene	ND	U	28	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	39	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	88	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	49	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Benzyl alcohol	ND	U	56	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Butylbenzylphthalate	ND	U	37	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Carbazole	ND	U	45	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Chrysene	ND	U	38	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Di-n-butylphthalate	ND	U	38	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Di-n-octylphthalate	ND	U	33	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	75	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Dibenzofuran	ND	U	30	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Diethylphthalate	ND	U	830	830	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Dimethylphthalate	ND	U	38	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Fluoranthene	ND	U	66	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Fluorene	ND	U	32	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Hexachlorobenzene	ND	U	43	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Hexachlorobutadiene	ND	U	41	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	76	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Hexachloroethane	ND	U	49	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	57	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Isophorone	ND	U	35	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	68	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	120	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	40	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Naphthalene	ND	U	40	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Nitrobenzene	ND	U	43	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Pentachlorophenol	ND	U	42	1600	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Phenanthrene	ND	U	28	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Phenol	ND	U	45	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Pyrene	ND	U	49	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	38	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	51	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	64	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	45	410	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.91	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.44	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.56	10	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.35	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.55	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.42	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.44	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.37	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.46	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.46	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.85	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.56	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	51	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.3	25	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.59	[illegible]	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Acetone	ND	U	15	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Benzene	ND	U	0.48	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.42	10	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.3	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Bromoform	ND	U	1	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Bromomethane	ND	U	0.73	10	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.3	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.89	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Chlorobenzene	ND	U	2.5	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Chloroethane	ND	U	1.1	10	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Chloroform	ND	U	0.56	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Chloromethane	ND	U	0.53	10	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Cyclohexane	ND	U	0.55	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.34	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.76	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.89	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.6	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Methylcyclohexane	ND	U	0.3	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.63	10	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Styrene	ND	U	0.35	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.32	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.98	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Toluene	ND	U	0.87	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.86	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.96	10	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Vinyl chloride	ND	U	1.1	10	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Xylenes, Total	ND	U	0.71	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.51	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-A-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.32	5.1	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	80	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	U	80	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	80	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	U	100	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	U	100	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	120	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8330	2-Nitrotoluene	ND	U	80	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8330	3-Nitrotoluene	ND	U	120	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	80	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8330	4-Nitrotoluene	ND	U	80	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8330	HMX	ND	U	80	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8330	Nitrobenzene	ND	U	88	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8330	RDX	ND	U	80	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8330	Tetryl	ND	U	80	400	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Aluminum	8270		12.8	51	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Antimony	ND	U	2.6	15.3	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Arsenic	10.3		0.38	1.3	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Barium	47.1	J	1.3	51	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Beryllium	0.45	J	0.26	1.3	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Cadmium	0.54	J	0.26	1.3	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Calcium	1040	J	255	1280	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Chromium	17		1.3	2.6	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Cobalt	3.3	J	1.3	12.8	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Copper	16.7		1.3	6.4	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Iron	25400		12.8	25.5	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Lead	50.4	J	0.38	0.77	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Magnesium	1020	J	255	1280	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Manganese	70.6		1.3	3.8	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Nickel	11		1.3	10.2	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Potassium	1300		255	1280	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Selenium	ND	U	0.77	1.3	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Silver	ND	U	0.26	2.6	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Sodium	ND	U	255	1280	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Thallium	ND	U	0.45	0.64	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Vanadium	44.2		1.3	12.8	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW6010B	Zinc	31.7		2.6	5.1	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW7471A	Mercury	ND	U	0.016	0.04	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.2	17	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.2	17	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.2	17	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.2	17	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.2	17	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	U	4.2	17	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	4.4	J	4.2	17	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	32	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	49	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	U	33	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	50	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	53	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	33	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	44	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	U	24	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	U	27	1700	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	U	170	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	2,4-Dinitrotoluene	68	J	30	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	47	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	2-Chloronaphthalene	ND	U	40	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	2-Chlorophenol	ND	U	51	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	2-Methylnaphthalene	ND	U	44	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	48	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	2-Nitroaniline	ND	U	40	1700	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	2-Nitrophenol	ND	U	28	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	39	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	3-Methylphenol	ND	U	34	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	3-Nitroaniline	ND	U	59	1700	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	27	1700	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	32	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	35	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	4-Chloroaniline	ND	U	60	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	38	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	33	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	4-Nitroaniline	ND	U	120	1700	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	4-Nitrophenol	ND	U	100	1700	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Acenaphthene	ND	U	33	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Acenaphthylene	ND	U	24	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Anthracene	ND	U	34	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Benzo(a)anthracene	ND	U	45	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Benzo(a)pyrene	ND	U	28	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	39	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	88	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	49	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Benzyl alcohol	ND	U	56	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Butylbenzylphthalate	ND	U	37	[illegible]	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Carbazole	ND	U	45	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Chrysene	ND	U	39	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Di-n-butylphthalate	ND	U	38	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Di-n-octylphthalate	ND	U	34	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	75	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Dibenzofuran	ND	U	30	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Diethylphthalate	ND	U	830	830	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Dimethylphthalate	ND	U	38	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Fluoranthene	ND	U	67	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Fluorene	ND	U	33	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Hexachlorobenzene	ND	U	43	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Hexachlorobutadiene	ND	U	41	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	76	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Hexachloroethane	ND	U	49	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	58	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Isophorone	ND	U	35	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	68	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	U	120	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	40	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Naphthalene	ND	U	40	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Nitrobenzene	ND	U	43	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Pentachlorophenol	ND	U	42	1700	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Phenanthrene	ND	U	28	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Phenol	ND	U	45	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	Pyrene	ND	U	50	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	39	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	51	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	64	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	45	420	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	1.1	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.51	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.66	12	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.42	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.64	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.4	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.5	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.22	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.4	12	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.51	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.44	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.55	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.55	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	1	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.66	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.7	60	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.7	30	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.69	30	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Acetone	ND	U	24	60	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Benzene	ND	U	0.56	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.5	12	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.36	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Bromoform	ND	U	1.2	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Bromomethane	ND	U	0.86	12	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.6	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	1	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Chlorobenzene	ND	U	3	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Chloroethane	ND	U	1.3	12	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Chloroform	ND	U	0.66	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Chloromethane	ND	U	0.62	12	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Cyclohexane	ND	U	0.64	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.41	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.3	12	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.9	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	1	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.9	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Methylcyclohexane	ND	U	0.36	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.74	12	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Styrene	ND	U	0.42	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.38	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	1.2	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Toluene	ND	U	1	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	1	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	1.1	12	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Vinyl chloride	ND	U	1.3	12	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	Xylenes, Total	ND	U	0.84	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.4	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.6	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.3	6	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB-30-D-3'-5'	FD1	4/19/2007	15:50	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.38	6	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	95	480	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	95	480	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	95	480	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	120	480	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	120	480	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	140	480	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	UJ	95	480	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	UJ	140	480	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	95	480	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	UJ	95	480	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8330	HMX	ND	UJ	95	480	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8330	Nitrobenzene	ND	UJ	100	480	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8330	RDX	ND	UJ	95	480	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8330	Tetryl	ND	UJ	95	480	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Aluminum	7110		11.1	44.4	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Antimony	ND	U	2.2	13.3	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Arsenic	7.1		0.33	1.1	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Barium	69.6		1.1	44.4	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Beryllium	0.37	J	0.22	1.1	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Cadmium	0.54	J	0.22	1.1	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Calcium	61100		222	1110	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Chromium	12.3		1.1	2.2	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Cobalt	3.9	J	1.1	11.1	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Copper	25.6		1.1	5.6	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Iron	14900		11.1	22.2	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Lead	141	J	0.33	0.67	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Magnesium	6200		222	1110	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Manganese	372		1.1	3.3	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW7471A	Mercury	0.13		0.013	0.032	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Nickel	12.2		1.1	8.9	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Potassium	1030	J	222	1110	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.67	1.1	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Silver	ND	U	0.22	2.2	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Sodium	ND	U	222	1110	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.5	0.56	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Vanadium	18.4		1.1	11.1	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW6010B	Zinc	88.2		2.2	4	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	3.6	5	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	3.6	15	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	3.6	15	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	3.6	15	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	3.6	15	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	2700	J	91	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	5500	J	91	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	28	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	30	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	43	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	45	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	29	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	30	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	44	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	45	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	46	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	48	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	29	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	30	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	38	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	40	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	21	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	21	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	23	1500	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	24	1500	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	150	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	150	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	26	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	27	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	41	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	43	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	35	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	36	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	UJ	45	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	UJ	46	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	170	J	38	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	410	J	40	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	42	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	44	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	UJ	35	1500	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	UJ	36	1500	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	UJ	24	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	UJ	25	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	34	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	36	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	UJ	30	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	UJ	31	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	UJ	52	1500	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	UJ	54	1500	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	24	1500	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	25	1500	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	28	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	29	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	30	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	32	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	UJ	52	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	UJ	54	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	34	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	35	380	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	29	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	30	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	UJ	110	1500	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	UJ	110	1500	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	UJ	89	1500	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	UJ	92	1500	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Acenaphthene	ND	UJ	29	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Acenaphthene	ND	UJ	30	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	UJ	21	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	UJ	22	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Anthracene	ND	UJ	30	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Anthracene	ND	UJ	31	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	48	J	40	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	77	J	41	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	25	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	26	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	34	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	36	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	77	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	80	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	43	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	45	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	UJ	49	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	UJ	51	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	32	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	34	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Carbazole	ND	UJ	40	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Carbazole	ND	UJ	41	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Chrysene	83	J	34	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Chrysene	84	J	35	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	33	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	35	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	29	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	31	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	66	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	69	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	UJ	27	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	UJ	28	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	UJ	730	730	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	UJ	760	760	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	UJ	33	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	UJ	35	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Fluoranthene	80	J	59	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Fluoranthene	120	J	61	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Fluorene	ND	UJ	29	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Fluorene	ND	UJ	30	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	UJ	38	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	UJ	40	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	36	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	37	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	67	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	70	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	UJ	43	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	UJ	45	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	50	[illegible]	ug/Kg
AA1-SB31	BOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	52	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Isophorone	ND	UJ	31	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Isophorone	ND	UJ	32	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	60	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	62	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	100	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	110	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	35	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	36	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Naphthalene	ND	UJ	36	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Naphthalene	160	J	37	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	UJ	38	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	UJ	39	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	UJ	37	1500	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	UJ	38	1500	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Phenanthrene	110	J	25	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Phenanthrene	220	J	26	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Phenol	ND	UJ	39	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Phenol	ND	UJ	41	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	Pyrene	80	J	44	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	Pyrene	ND	UJ	50	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	34	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	35	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	45	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	46	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	56	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	58	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	40	360	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	41	380	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	UJ	1.6	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	UJ	0.77	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	UJ	0.98	18	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	UJ	0.63	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	UJ	0.97	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	UJ	2.1	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	UJ	0.75	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	0.74	J	0.32	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	UJ	2.1	18	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	UJ	0.77	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	UJ	0.66	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	UJ	0.82	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	UJ	0.82	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	UJ	1.5	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	UJ	0.98	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	UJ	2.5	90	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	4.1	45	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	UJ	1	45	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Acetone	110	J	3.6	90	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Benzene	3.6	J	0.84	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	UJ	0.75	18	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	UJ	0.54	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Bromoform	ND	UJ	1.8	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Bromomethane	ND	UJ	1.3	18	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Carbon Disulfide	16	J	2.3	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	UJ	1.6	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	UJ	4.5	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Chloroethane	ND	UJ	2	18	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Chloroform	ND	UJ	0.98	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Chloromethane	1.2	J	0.93	18	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Cyclohexane	15	J	0.97	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	UJ	0.61	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	UJ	2	18	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Ethylbenzene	2.4	J	1.3	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	UJ	1.6	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Methyl Acetate	14	J	2.9	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Methylcyclohexane	19	J	0.54	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	UJ	1.1	18	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Styrene	ND	UJ	0.63	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	UJ	0.57	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	UJ	1.7	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Toluene	8	J	1.5	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	UJ	1.5	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	UJ	1.7	18	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	UJ	2	18	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	Xylenes, Total	12	J	1.2	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	UJ	2.1	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	UJ	0.9	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	UJ	2	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-0.5'-1.5'	N1	4/20/2007	8:15	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	UJ	0.57	9	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	91	450	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	91	450	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	91	450	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	120	450	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	120	450	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	140	450	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8330	2-Nitrotoluene	ND	UJ	91	450	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8330	3-Nitrotoluene	ND	UJ	140	450	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	91	450	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8330	4-Nitrotoluene	ND	UJ	91	450	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8330	HMX	ND	UJ	91	450	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8330	Nitrobenzene	ND	UJ	100	450	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8330	RDX	ND	UJ	91	450	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8330	Tetryl	ND	UJ	91	450	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Calcium	57700		251	1260	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Aluminum	10000		12.6	50.3	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Antimony	ND	U	2.5	15.1	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Arsenic	6.9		0.38	1.3	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Barium	68.4		1.3	50.3	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Beryllium	0.52	J	0.25	1.3	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Cadmium	0.5	J	0.25	1.3	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Chromium	19.3		1.3	2.5	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Cobalt	4.7	J	1.3	12.6	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Copper	13.5		1.3	6.3	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Iron	17300		12.6	25.1	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Lead	80.8	J	0.38	0.75	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Magnesium	3180		251	1260	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Manganese	246		1.3	3.8	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Nickel	13.4		1.3	10.1	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Potassium	977	J	251	1260	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Selenium	ND	U	0.75	1.3	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Silver	ND	U	0.25	2.5	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Sodium	ND	U	251	1260	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Thallium	ND	U	0.44	0.63	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Vanadium	23.2		1.3	12.6	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW6010B	Zinc	77.3		2.5	5	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW7471A	Mercury	0.081		0.014	35	mg/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4.2	7	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4.2	17	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4.2	17	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4.2	17	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4.2	17	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	1900	J	42	170	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	4900	J	42	170	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	32	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	49	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	33	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	50	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	53	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	33	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	43	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	23	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	27	1700	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	170	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	30	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	47	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	40	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	2-Chlorophenol	ND	UJ	51	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	2-Methylnaphthalene	ND	UJ	43	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	48	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	2-Nitroaniline	ND	UJ	40	1700	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	2-Nitrophenol	ND	UJ	28	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	39	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	3-Methylphenol	ND	UJ	34	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	3-Nitroaniline	ND	UJ	59	1700	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	27	1700	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	32	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	35	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	4-Chloroaniline	ND	UJ	60	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	38	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	33	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	4-Nitroaniline	ND	UJ	120	1700	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	4-Nitrophenol	ND	UJ	100	1700	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Acenaphthene	ND	UJ	33	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Acenaphthylene	ND	UJ	24	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Anthracene	ND	UJ	34	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Benzo(a)anthracene	ND	UJ	45	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	28	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	39	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	88	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	49	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Benzyl alcohol	ND	UJ	56	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	37	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Carbazole	ND	UJ	45	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Chrysene	ND	UJ	38	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	38	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	34	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	75	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Dibenzofuran	ND	UJ	30	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Diethylphthalate	ND	UJ	830	830	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Dimethylphthalate	ND	UJ	38	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Fluoranthene	ND	UJ	67	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Fluorene	ND	UJ	32	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Hexachlorobenzene	ND	UJ	43	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	41	420	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	76	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Hexachloroethane	ND	UJ	49	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	57	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Isophorone	ND	UJ	35	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	68	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	120	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	40	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Naphthalene	ND	UJ	40	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Nitrobenzene	ND	UJ	43	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Pentachlorophenol	ND	UJ	42	1700	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Phenanthrene	ND	UJ	28	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Phenol	ND	UJ	45	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	Pyrene	ND	UJ	50	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	38	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	51	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	64	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	45	420	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.91	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.44	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.56	10	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.35	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.55	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.42	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.44	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.37	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.46	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.46	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.85	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.56	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	4.4	J	1.4	50	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.3	25	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.59	25	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Acetone	43	J	2	50	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Benzene	ND	U	0.48	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.42	10	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.3	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Bromoform	ND	U	1	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Bromomethane	ND	U	0.73	10	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.3	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.89	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Chlorobenzene	ND	U	2.5	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Chloroethane	ND	U	1.1	10	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Chloroform	ND	U	0.56	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Chloromethane	ND	U	0.53	10	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Cyclohexane	ND	U	0.55	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.34	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.76	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.89	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.6	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Methylcyclohexane	ND	U	0.3	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.63	10	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Styrene	ND	U	0.35	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.32	[illegible]	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.98	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Toluene	ND	U	0.87	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.86	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.96	10	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Vinyl chloride	ND	U	1.1	10	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	Xylenes, Total	ND	U	0.71	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.5	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5	ug/Kg
AA1-SB31	PBOW-07-SO-AA1-SB-31-A-3'-5'	N1	4/20/2007	8:20	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.32	5	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	87	430	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	87	430	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	110	430	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	110	430	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	130	430	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	UJ	130	430	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8330	HMX	ND	UJ	87	430	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8330	Nitrobenzene	ND	UJ	96	430	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8330	RDX	ND	UJ	87	430	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8330	Tetryl	ND	UJ	87	430	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Aluminum	9060		11.5	46	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Antimony	ND	U	2.3	13.8	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Arsenic	5.3		0.34	1.1	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Barium	32.1	J	1.1	46	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Beryllium	0.5	J	0.23	1.1	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Cadmium	ND	U	0.23	1.1	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Calcium	2820		230	1150	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Chromium	12.2		1.1	2.3	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Cobalt	8.5	J	1.1	11.5	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Copper	16.5		1.1	5.7	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Iron	14300		11.5	23	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Lead	51.8	J	0.35	0.69	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Magnesium	1380		230	1150	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Manganese	198		1.1	3.4	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Nickel	19.2		1.1	9.2	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Potassium	842	J	230	1150	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.69	1.1	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Silver	ND	U	0.23	2.3	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Sodium	ND	U	230	1150	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.4	0.57	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Vanadium	23.8		1.1	11.5	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW6010B	Zinc	38.6		2.3	4.6	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW7471A	Mercury	0.039		0.012	0.03	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	3.7	15	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	3.7	15	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	3.7	15	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	3.7	15	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	3.7	15	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	630	J	3.7	15	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	400	J	3.7	15	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	59	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	28	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	36	650	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	23	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	35	330	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	78	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	27	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	12	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	78	650	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	28	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	24	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	30	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	30	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	55	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	36	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	91	3300	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	150	1600	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	38	1600	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Acetone	170	J	130	3300	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Benzene	ND	U	31	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	27	650	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	20	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Bromoform	ND	U	65	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	47	650	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Carbon Disulfide	ND	U	85	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	57	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	160	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	72	650	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Chloroform	ND	U	36	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	34	650	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Cyclohexane	ND	U	35	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	22	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	72	650	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	49	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	57	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Methyl Acetate	350		100	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Methylcyclohexane	3300		20	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	40	650	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Styrene	ND	U	23	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	21	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	63	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Toluene	ND	U	56	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	55	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	62	650	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	72	650	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	Xylenes, Total	180	J	46	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	78	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	33	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	72	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-0.5'-1.5'	N1	4/20/2007	8:45	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	21	330	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	83	420	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	83	420	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	110	420	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	110	420	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	120	420	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8330	2-Nitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8330	3-Nitrotoluene	ND	UJ	120	420	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8330	4-Nitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8330	HMX	ND	UJ	83	420	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8330	Nitrobenzene	ND	UJ	92	420	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8330	RDX	ND	UJ	83	420	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8330	Tetryl	ND	UJ	83	420	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Aluminum	12100		11.3	45.2	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Antimony	ND	U	2.3	13.6	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Arsenic	12.3		0.34	1.1	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Barium	37	J	1.1	45.2	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Beryllium	0.62	J	0.23	1.1	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Cadmium	0.8	J	0.23	1.1	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Calcium	37700		226	1130	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Chromium	17.3		1.1	2.3	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Cobalt	8.7	J	1.1	11.3	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Copper	30.9		1.1	5.6	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Iron	24200		11.3	22.6	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Lead	12.4	J	0.34	0.68	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Magnesium	10300		226	1130	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Manganese	267		1.1	3.4	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Nickel	28.8		1.1	9	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Potassium	3360		226	1130	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Selenium	ND	U	0.68	1.1	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Silver	ND	U	0.23	2.3	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Sodium	ND	U	226	1130	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Thallium	ND	U	0.4	0.56	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Vanadium	21.9		1.1	11.3	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW6010B	Zinc	67.6		2.3	4.5	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW7471A	Mercury	0.02	J	0.012	0.03	mg/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	3.6	14	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	3.6	14	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	3.6	14	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	3.6	14	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	3.6	14	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	3.6	14	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8082	PCB-1260 (Aroclor 1260)	6.2	J	3.6	14	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	28	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	42	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	29	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	43	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	46	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	29	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	38	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	20	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	23	1400	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	140	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	26	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	41	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	2-Chloronaphthalene	ND	UJ	35	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	2-Chlorophenol	ND	UJ	44	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	2-Methylnaphthalene	ND	UJ	38	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	42	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	2-Nitroaniline	ND	UJ	35	1400	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	2-Nitrophenol	ND	UJ	24	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	34	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	3-Methylphenol	ND	UJ	29	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	3-Nitroaniline	ND	UJ	51	1400	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	24	1400	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	28	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	30	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	4-Chloroaniline	ND	UJ	52	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	33	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	29	360	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	4-Nitroaniline	ND	UJ	110	1400	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	4-Nitrophenol	ND	UJ	88	1400	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Acenaphthene	ND	UJ	29	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Acenaphthylene	ND	UJ	21	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Anthracene	ND	UJ	30	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Benzo(a)anthracene	ND	UJ	39	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Benzo(a)pyrene	ND	UJ	25	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	34	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	76	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	43	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Benzyl alcohol	ND	UJ	49	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Butylbenzylphthalate	ND	UJ	32	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Carbazole	ND	UJ	39	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Chrysene	ND	UJ	34	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Di-n-butylphthalate	ND	UJ	33	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Di-n-octylphthalate	ND	UJ	29	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	65	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Dibenzofuran	ND	UJ	26	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Diethylphthalate	ND	UJ	720	720	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Dimethylphthalate	ND	UJ	33	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Fluoranthene	ND	UJ	58	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Fluorene	ND	UJ	28	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Hexachlorobenzene	ND	UJ	38	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Hexachlorobutadiene	ND	UJ	36	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	66	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Hexachloroethane	ND	UJ	43	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	50	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Isophorone	ND	UJ	31	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	60	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	100	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	35	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Naphthalene	ND	UJ	35	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Nitrobenzene	ND	UJ	38	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Pentachlorophenol	ND	UJ	37	1400	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Phenanthrene	75	J	25	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Phenol	ND	UJ	39	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	Pyrene	120	J	43	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	34	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	44	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	56	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	39	360	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.92	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.44	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.56	10	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.36	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	1,1-Dichloroethane	ND	U	0.55	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	1,2,3-Trichlorobenzene	ND	UJ	0.43	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	1,2,4-Trichlorobenzene	ND	UJ	0.18	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	UJ	1.2	10	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.44	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	1,2-Dichlorobenzene	ND	UJ	0.38	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	1,2-Dichloroethane	ND	U	0.47	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	1,2-Dichloropropane	ND	U	0.47	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.86	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	1,4-Dichlorobenzene	ND	UJ	0.56	1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	1	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	2-Hexanone	ND	UJ	2.3	25	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.59	25	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Acetone	ND	U	4.8	51	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Benzene	1.7	J	0.48	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Bromochloromethane	ND	U	0.43	10	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Bromodichloromethane	ND	U	0.3	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Bromoform	ND	U	1	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Bromomethane	ND	U	0.73	10	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Carbon Disulfide	ND	U	1.3	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Carbon tetrachloride	ND	U	0.9	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Chlorobenzene	ND	U	2.5	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Chloroethane	ND	U	1.1	10	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Chloroform	ND	U	0.56	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Chloromethane	ND	U	0.53	10	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Cyclohexane	6.1		0.55	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Dibromochloromethane	ND	U	0.35	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Ethylbenzene	ND	U	0.76	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.9	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Methyl Acetate	ND	U	1.6	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Methylcyclohexane	6		0.3	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Methylene Chloride	ND	U	0.63	10	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Styrene	ND	U	0.36	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.33	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.99	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Toluene	2.5	J	0.88	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Trichloroethene (TCE)	1.5	J	0.87	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Trichlorofluoromethane	ND	U	0.97	10	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Vinyl chloride	ND	U	1.1	10	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	Xylenes, Total	ND	U	0.71	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.51	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5.1	ug/Kg
AA1-SB32	PBOW-07-SO-AA1-SB-32-A-8'-10'	N1	4/20/2007	8:50	8	10	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.33	5.1	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	95	480	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	95	480	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	95	480	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	120	480	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	120	480	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	140	480	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	UJ	95	480	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	UJ	140	480	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	95	480	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	UJ	95	480	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8330	HMX	ND	UJ	95	480	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8330	Nitrobenzene	ND	UJ	100	480	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8330	RDX	ND	UJ	95	480	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8330	Tetryl	ND	UJ	95	480	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Aluminum	3670		11	44	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Antimony	ND	U	2.2	13.2	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Arsenic	3.5		0.33	1.1	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Barium	39	J	1.1	44	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Beryllium	0.23	J	0.22	1.1	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Cadmium	0.47	J	0.22	1.1	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Calcium	96800		220	1100	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Chromium	11.5		1.1	2.2	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Cobalt	2.6	J	1.1	11	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Copper	12.5		1.1	5.5	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Iron	8220		11	22	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Lead	124	J	0.33	0.66	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Magnesium	10700		220	1100	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Manganese	233		1.1	3.3	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Nickel	8.5	J	1.1	8.8	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Potassium	621	J	220	1100	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.66	1.1	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Silver	ND	U	0.22	2.2	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Sodium	ND	U	220	1100	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.38	0.55	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Vanadium	9.4	J	1.1	11	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW6010B	Zinc	72.8		2.2	4.4	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW7471A	Mercury	0.23		0.013	0.033	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	3.6	14	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	3.6	14	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	3.6	14	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	3.6	14	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	3.6	14	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	4200	J	72	290	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	2300	J	72	290	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	27	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	42	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	28	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	42	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	45	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	28	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	37	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	20	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	23	1400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	140	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	26	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	40	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	34	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	UJ	43	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	40	J	37	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	41	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	UJ	34	1400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	UJ	23	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	33	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	UJ	29	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	UJ	50	1400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	23	1400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	27	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	29	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	UJ	51	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	33	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	28	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	UJ	110	1400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	UJ	86	1400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Acenaphthene	ND	UJ	28	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	UJ	21	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Anthracene	ND	UJ	29	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	200	J	38	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	200	J	24	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	33	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	110	J	75	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	42	[illegible]	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Benzoic acid	-	R	-	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	UJ	48	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	31	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Carbazole	ND	UJ	38	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Chrysene	240	J	33	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	32	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	28	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	64	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	UJ	26	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	UJ	710	710	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	UJ	32	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Fluoranthene	300	J	57	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Fluorene	ND	UJ	28	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	UJ	37	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	35	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	65	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	UJ	42	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	49	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Isophorone	ND	UJ	30	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	58	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	100	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	34	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Naphthalene	ND	UJ	34	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	UJ	37	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	UJ	36	1400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Phenanthrene	350	J	24	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Phenol	ND	UJ	38	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	Pyrene	ND	UJ	42	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	33	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	43	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	54	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	38	350	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	46	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	22	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	28	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	18	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	27	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	61	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	UJ	21	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	UJ	9.1	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	UJ	61	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	22	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	UJ	19	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	23	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	23	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	42	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	UJ	28	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	71	2500	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	120	1300	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	29	1300	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Acetone	ND	U	100	2500	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Benzene	ND	U	24	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	21	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	15	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Bromoform	ND	U	51	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	36	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Carbon Disulfide	ND	U	66	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	45	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	130	250	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	56	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Chloroform	ND	U	28	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	26	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Cyclohexane	46	J	27	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	17	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	56	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	38	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	45	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	81	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Methylcyclohexane	ND	U	15	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	31	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Styrene	ND	U	18	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	16	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	49	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Toluene	56	J	44	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	43	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	48	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	56	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	Xylenes, Total	ND	U	35	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	61	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	25	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	56	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-0.5'-1.5'	N1	4/20/2007	9:30	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	16	250	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	80	400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	80	400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	80	400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	100	400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	100	400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	120	400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8330	2-Nitrotoluene	ND	UJ	80	400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8330	3-Nitrotoluene	ND	UJ	120	400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	80	400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8330	4-Nitrotoluene	ND	UJ	80	400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8330	HMX	ND	UJ	80	400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8330	Nitrobenzene	ND	UJ	88	400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8330	RDX	ND	UJ	80	400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8330	Tetryl	ND	UJ	80	400	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Aluminum	15500		13.3	53.2	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Antimony	ND	U	5.3	31.9	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Arsenic	14.9		0.4	1.3	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Barium	86.1		1.3	53.2	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Beryllium	0.845	J	0.27	1.3	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Cadmium	ND	U	0.53	1.3	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Calcium	3770		266	1330	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Chromium	23.3		1.3	2.7	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Cobalt	12.1	J	1.3	13.3	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Copper	35.4		1.3	6.6	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Iron	36000		13.3	26.6	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Lead	15	J	0.4	0.8	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Magnesium	4710		266	1330	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Manganese	817		1.3	4	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Nickel	37		1.3	10.6	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Potassium	2730		266	1330	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Selenium	ND	U	0.8	1.3	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Silver	ND	U	0.27	2.7	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Sodium	ND	U	266	1330	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Thallium	ND	U	0.93	[illegible]	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Vanadium	33.5		1.3	[illegible]	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW6010B	Zinc	74.1		2.7	5.3	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW7471A	Mercury	0.02	J	0.015	0.036	mg/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4.2	17	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4.2	17	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4.2	17	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4.2	17	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4.2	17	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8082	PCB-1254 (Aroclor 1254)	10	J	4.2	17	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8082	PCB-1260 (Aroclor 1260)	10	J	4.2	17	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	33	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	50	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	34	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	51	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	55	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	34	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	45	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	24	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	28	1700	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	170	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	31	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	49	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	2-Chloronaphthalene	ND	UJ	41	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	2-Chlorophenol	ND	UJ	53	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	2-Methylnaphthalene	ND	UJ	45	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	50	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	2-Nitroaniline	ND	UJ	41	1700	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	2-Nitrophenol	ND	UJ	28	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	41	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	3-Methylphenol	ND	UJ	35	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	3-Nitroaniline	ND	UJ	61	1700	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	28	1700	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	33	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	36	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	4-Chloroaniline	ND	UJ	62	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	40	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	34	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	4-Nitroaniline	ND	UJ	130	1700	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	4-Nitrophenol	ND	UJ	100	1700	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Acenaphthene	ND	UJ	34	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Acenaphthylene	ND	UJ	25	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Anthracene	ND	UJ	35	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Benzo(a)anthracene	ND	UJ	47	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Benzo(a)pyrene	ND	UJ	30	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	41	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	91	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	51	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Benzyl alcohol	ND	UJ	58	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Butylbenzylphthalate	ND	UJ	38	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Carbazole	ND	UJ	47	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Chrysene	ND	UJ	40	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Di-n-butylphthalate	ND	UJ	39	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Di-n-octylphthalate	ND	UJ	35	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	78	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Dibenzofuran	ND	UJ	32	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Diethylphthalate	ND	UJ	860	860	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Dimethylphthalate	ND	UJ	39	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Fluoranthene	ND	UJ	69	430	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Fluorene	ND	UJ	34	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Hexachlorobenzene	ND	UJ	45	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Hexachlorobutadiene	ND	UJ	42	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	79	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Hexachloroethane	ND	UJ	51	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	60	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Isophorone	ND	UJ	37	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	71	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	120	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	41	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Naphthalene	ND	UJ	42	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Nitrobenzene	ND	UJ	45	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Pentachlorophenol	ND	UJ	44	1700	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Phenanthrene	ND	UJ	30	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Phenol	ND	UJ	46	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	Pyrene	ND	UJ	51	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	40	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	53	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	66	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	47	430	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	1,1,1-Trichloroethane	1800		46	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	22	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	28	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	1,1,2-Trichloroethane	ND	U	18	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	1,1-Dichloroethane	46	J	28	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	1,1-Dichloroethene	ND	U	61	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	21	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	9.2	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	61	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	22	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	1,2-Dichlorobenzene	ND	U	19	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	1,2-Dichloroethane	ND	U	24	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	1,2-Dichloropropane	ND	U	24	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	1,3-Dichlorobenzene	ND	U	43	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	1,4-Dichlorobenzene	ND	U	28	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	72	2600	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	2-Hexanone	ND	UJ	120	1300	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	30	1300	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Acetone	130	J	100	2600	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Benzene	ND	U	24	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Bromochloromethane	ND	U	21	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Bromodichloromethane	ND	U	15	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Bromoform	ND	U	51	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Bromomethane	ND	U	37	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Carbon Disulfide	ND	U	66	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Carbon tetrachloride	ND	U	45	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Chlorobenzene	ND	U	130	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Chloroethane	ND	U	56	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Chloroform	ND	U	28	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Chloromethane	ND	U	26	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Cyclohexane	ND	U	28	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Dibromochloromethane	ND	U	17	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Dichlorodifluoromethane	ND	U	56	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Ethylbenzene	ND	U	38	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	45	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Methyl Acetate	ND	U	82	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Methylcyclohexane	ND	U	15	[illegible]	ug/Kg
AA1-SB33	BOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Methylene Chloride	ND	U	32	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Styrene	ND	U	18	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	16	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Tetrachloroethene (PCE)	1600		50	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Toluene	ND	U	44	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Trichloroethene (TCE)	220	J	43	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Trichlorofluoromethane	ND	U	48	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Vinyl chloride	ND	U	56	510	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	Xylenes, Total	ND	U	36	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	cis-1,2-Dichloroethene	83	J	61	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	26	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	56	260	ug/Kg
AA1-SB33	PBOW-07-SO-AA1-SB-33-A-8'-10'	N1	4/20/2007	9:35	8	10	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	16	260	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	110	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	110	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	130	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	UJ	130	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8330	HMX	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8330	Nitrobenzene	ND	UJ	96	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8330	RDX	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8330	Tetryl	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Aluminum	12000	J	11.6	46.3	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Antimony	ND	UJ	2.3	13.9	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Arsenic	5.4		0.35	1.16	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Barium	80.3		1.16	46.3	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Beryllium	0.65	J	0.23	1.16	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Cadmium	0.53	J	0.23	1.16	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Calcium	22300		463	2310	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Chromium	18.7	J	1.16	2.31	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Cobalt	6.1	J	1.16	11.6	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Copper	57.6	J	1.16	5.79	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Iron	18100	J	11.6	23.2	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Lead	58.1	J	0.35	0.69	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Magnesium	4430		231	1160	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Manganese	419		1.16	3.47	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Nickel	18.8		1.16	9.26	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Potassium	1900		231	1160	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.69	1.16	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Silver	ND	U	0.23	2.31	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Sodium	ND	U	231	1160	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.4	0.58	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Vanadium	24.2		1.16	11.6	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW6010B	Zinc	71.6	J	2.31	4.63	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW7471A	Mercury	0.76	J			mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	3.8	15	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	3.8	15	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	3.8	15	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	3.8	15	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	3.8	15	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	4600	J	76	300	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	3700	J	76	300	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	29	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	44	380	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	30	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	45	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	48	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	30	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	39	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	21	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	24	1500	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	150	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	27	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	43	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	36	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	UJ	46	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	ND	UJ	39	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	44	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	UJ	36	1500	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	UJ	25	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	36	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	UJ	31	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	UJ	53	1500	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	25	1500	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	29	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	31	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	UJ	54	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	35	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	30	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	UJ	110	1500	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	UJ	91	1500	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Acenaphthene	ND	UJ	30	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	UJ	22	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Anthracene	ND	UJ	31	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	ND	UJ	41	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	26	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	36	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	80	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	44	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Benzoic acid	-	R	-	-	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	UJ	51	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	34	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Carbazole	ND	UJ	41	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Chrysene	ND	UJ	35	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	34	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	30	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	68	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	UJ	28	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	UJ	750	750	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	UJ	34	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Fluoranthene	130	J	60	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Fluorene	ND	UJ	30	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	UJ	39	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	37	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	69	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	UJ	44	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	52	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Isophorone	ND	UJ	32	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	62	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	110	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	36	[illegible]	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Naphthalene	ND	UJ	37	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	UJ	39	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	UJ	38	1500	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Phenanthrene	110	J	26	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Phenol	ND	UJ	41	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	Pyrene	170	J	45	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	35	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	46	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	58	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	41	380	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	3.8	J	1.3	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.64	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.82	15	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.52	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.81	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.8	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.63	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	UJ	0.27	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.8	15	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.64	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	UJ	0.55	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.69	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.69	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	UJ	1.2	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	UJ	0.82	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	2.1	75	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	2-Hexanone	ND	U	3.4	37	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.87	37	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Acetone	69	J	3	75	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Benzene	3.6	J	0.7	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.63	15	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.45	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Bromoform	ND	U	1.5	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	1.1	15	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Carbon Disulfide	30	J	1.9	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	1.3	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	UJ	3.7	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	1.6	15	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.82	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.78	15	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Cyclohexane	22	J	0.81	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.51	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.6	15	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Ethylbenzene	3	J	1.1	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	1.3	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	2.4	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Methylcyclohexane	38	J	0.45	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.93	15	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Styrene	ND	UJ	0.52	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.48	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	UJ	1.4	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Toluene	8		1.3	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	UJ	1.3	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	1.4	15	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	1.6	15	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	Xylenes, Total	12	J	1	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.8	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.75	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.6	7.5	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-0.5'-1.5'	N1	4/20/2007	10:15	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.48	7.5	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	110	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	110	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	130	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8330	2-Nitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8330	3-Nitrotoluene	ND	UJ	130	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8330	4-Nitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8330	HMX	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8330	Nitrobenzene	ND	UJ	96	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8330	RDX	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8330	Tetryl	ND	UJ	87	430	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Aluminum	18200	J	12.9	51.5	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Antimony	ND	UJ	2.6	15.5	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Arsenic	7.9		0.39	1.3	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Barium	126		1.3	51.5	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Beryllium	0.92	J	0.26	1.3	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Cadmium	0.78	J	0.26	1.3	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Calcium	5430		258	1290	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Chromium	24.1	J	1.3	2.6	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Cobalt	12.8	J	1.3	12.9	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Copper	18.9	J	1.3	6.4	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Iron	2700	J	12.9	25.8	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Lead	13.6	J	0.39	0.77	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Magnesium	3860		258	1290	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Manganese	728		2.6	7.7	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Nickel	26.6		1.3	10.3	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Potassium	2450		258	1290	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Selenium	0.8	J	0.77	1.3	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Silver	ND	U	0.26	2.6	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Sodium	ND	U	258	1290	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Thallium	ND	U	0.45	0.64	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Vanadium	37.2		1.3	12.9	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW6010B	Zinc	77.2	J	2.6	5.2	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW7471A	Mercury	0.043		0.016	0.04	mg/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4.2	17	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4.2	17	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4.2	17	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4.2	17	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4.2	17	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	4.2	17	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	5.5	J	4.2	17	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	32	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	49	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	33	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	50	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	53	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	33	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	43	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	23	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	27	1700	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	170	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	30	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	47	[illegible]	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	40	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	2-Chlorophenol	ND	UJ	51	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	2-Methylnaphthalene	ND	UJ	43	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	48	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	2-Nitroaniline	ND	UJ	40	1700	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	2-Nitrophenol	ND	UJ	27	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	39	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	3-Methylphenol	ND	UJ	34	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	3-Nitroaniline	ND	UJ	59	1700	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	27	1700	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	32	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	34	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	4-Chloroaniline	ND	UJ	60	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	38	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	33	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	4-Nitroaniline	ND	UJ	120	1700	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	4-Nitrophenol	ND	UJ	100	1700	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Acenaphthene	ND	UJ	33	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Acenaphthylene	ND	UJ	24	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Anthracene	ND	UJ	34	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Benzo(a)anthracene	ND	UJ	45	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	28	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	39	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	88	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	49	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Benzoic acid	ND	UJ	24	1700	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Benzyl alcohol	ND	UJ	56	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	37	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Carbazole	ND	UJ	45	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Chrysene	ND	UJ	38	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	38	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	34	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	75	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Dibenzofuran	ND	UJ	30	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Diethylphthalate	ND	UJ	830	830	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Dimethylphthalate	ND	UJ	38	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Fluoranthene	ND	UJ	67	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Fluorene	ND	UJ	32	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Hexachlorobenzene	ND	UJ	43	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	41	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	76	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Hexachloroethane	ND	UJ	49	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	57	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Isophorone	ND	UJ	35	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	68	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	120	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	40	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Naphthalene	ND	UJ	40	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Nitrobenzene	ND	UJ	43	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Pentachlorophenol	ND	UJ	42	1700	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Phenanthrene	ND	UJ	28	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Phenol	ND	UJ	45	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	Pyrene	ND	UJ	50	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	38	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	51	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	64	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	45	420	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	1,1,1-Trichloroethane	65		0.93	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.45	5.2	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.57	10	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	1,1,2-Trichloroethane	0.8	J	0.36	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	1,1-Dichloroethane	6		0.56	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	1,1-Dichloroethene	1.5	J	1.2	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.44	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.19	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.45	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.38	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.48	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.48	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.87	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.57	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	8.6	J	1.4	52	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.4	26	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.6	26	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Acetone	49	J	2.1	52	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Benzene	ND	U	0.49	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.44	10	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.31	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Bromoform	ND	U	1	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Bromomethane	ND	U	0.75	10	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.3	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.91	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Chlorobenzene	ND	U	2.6	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Chloroethane	ND	U	1.1	10	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Chloroform	ND	U	0.57	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Chloromethane	ND	U	0.54	10	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Cyclohexane	ND	U	0.56	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.35	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.78	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.91	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.7	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Methylcyclohexane	ND	U	0.31	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.64	10	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Styrene	ND	U	0.36	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.33	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	1	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Toluene	ND	U	0.89	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.88	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.99	10	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Vinyl chloride	ND	U	1.1	10	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	Xylenes, Total	ND	U	0.73	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.52	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5.2	ug/Kg
AA1-SB34	PBOW-07-SO-AA1-SB-34-A-3'-5'	N1	4/20/2007	10:20	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.33	5.2	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	100	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	100	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	130	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	130	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	150	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	UJ	150	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	100	[illegible]	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	UJ	100	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8330	HMX	ND	UJ	100	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8330	Nitrobenzene	ND	UJ	110	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8330	RDX	ND	UJ	100	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8330	Tetryl	ND	UJ	100	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Aluminum	8760	J	11.6	46.6	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Antimony	ND	UJ	2.3	14	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Arsenic	5.6		0.35	1.2	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Barium	43.5	J	1.2	46.6	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Beryllium	0.46	J	0.23	1.2	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Cadmium	0.4	J	0.23	1.2	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Calcium	2550		233	1160	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Chromium	11.7	J	1.2	2.3	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Cobalt	4.2	J	1.2	11.6	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Copper	11.7	J	1.2	5.8	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Iron	13500	J	11.6	23.3	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Lead	14.8	J	0.35	0.7	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Magnesium	1280		233	1160	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Manganese	285		1.2	3.5	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Nickel	9.6		1.2	9.3	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Potassium	623	J	233	1160	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.7	1.2	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Silver	ND	U	0.23	2.3	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Sodium	ND	U	233	1160	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.41	0.58	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Vanadium	22.1		1.2	11.6	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW6010B	Zinc	51.8	J	2.3	4.7	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW7471A	Mercury	0.042		0.015	0.037	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	3.8	15	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	3.8	15	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	3.8	15	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	3.8	15	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	3.8	15	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	68	J	3.8	15	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	59	J	3.8	15	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	34	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	51	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	35	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	52	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	56	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	35	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	46	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	25	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	28	1800	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	180	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	32	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	50	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	42	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	UJ	54	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	ND	UJ	46	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	51	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	UJ	42	1800	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	UJ	29	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	41	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	UJ	36	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	UJ	62	1800	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	29	1800	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	34	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	36	440	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	UJ	63	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	40	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	35	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	UJ	130	1800	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	UJ	110	1800	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Acenaphthene	ND	UJ	35	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	UJ	26	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Anthracene	120	J	36	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	310	J	48	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	270	J	30	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	330	J	41	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	140	J	93	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	220	J	52	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Benzoic acid	ND	UJ	26	1800	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	UJ	59	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	39	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Carbazole	ND	UJ	48	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Chrysene	330	J	41	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	40	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	35	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	79	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	UJ	32	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	UJ	880	880	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	UJ	40	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Fluoranthene	540	J	70	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Fluorene	ND	UJ	34	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	UJ	46	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	43	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	80	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	UJ	52	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	61	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Isophorone	ND	UJ	37	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	72	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	120	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	42	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Naphthalene	ND	UJ	43	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	UJ	45	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	UJ	44	1800	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Phenanthrene	460	J	30	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Phenol	ND	UJ	47	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	Pyrene	650	J	52	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	41	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	54	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	67	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	48	440	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	1	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.5	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.64	12	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.41	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.63	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.4	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.49	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.21	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.4	12	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.5	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.43	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.54	[illegible]	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.54	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.98	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.64	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	20	J	1.6	58	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	2.7	29	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.68	29	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Acetone	140		2.3	58	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Benzene	ND	U	0.55	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.49	12	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.35	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Bromoform	ND	U	1.2	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	0.84	12	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Carbon Disulfide	ND	U	1.5	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	1	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	2.9	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	1.3	12	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.64	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.61	12	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Cyclohexane	ND	U	0.63	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.4	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.3	12	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	0.88	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	1	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	1.9	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Methylcyclohexane	ND	U	0.35	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.73	12	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.41	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.37	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	1.1	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Toluene	ND	U	1	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	1	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	1.1	12	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	1.3	12	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	Xylenes, Total	ND	U	0.82	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.4	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.58	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.3	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-0.5'-1.5'	N1	4/20/2007	12:50	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.37	5.8	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	83	420	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	83	420	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	110	420	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	110	420	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	120	420	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	2-Nitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	3-Nitrotoluene	ND	UJ	120	420	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	4-Nitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	HMX	ND	UJ	83	420	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	Nitrobenzene	ND	UJ	92	420	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	RDX	ND	UJ	83	420	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	Tetryl	ND	UJ	83	420	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Aluminum	12500	J	10.6	42.3	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Antimony	ND	UJ	2.1	12.7	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Arsenic	7.5		0.32	1.1	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Barium	97		1.1	42.3	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Beryllium	0.66	J	0.21	1.1	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Cadmium	0.57	J	0.21	1.1	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Calcium	3230		212	1060	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Chromium	17.4	J	1.1	2.1	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Cobalt	8	J	1.1	10.6	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Copper	13.6	J	1.1	5.3	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Iron	20800	J	10.6	21.2	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Lead	8.6	J	0.32	0.64	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Magnesium	2660		212	1060	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Manganese	367		1.1	3.2	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Nickel	20.2		1.1	8.5	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Potassium	1260		212	1060	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Selenium	ND	U	0.64	1.1	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Silver	ND	U	0.21	2.1	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Sodium	ND	U	212	1060	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Thallium	ND	U	0.37	0.53	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Vanadium	30.8		1.1	10.6	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Zinc	36.8	J	2.1	4.2	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW7471A	Mercury	0.024	J	0.013	0.033	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	3.6	14	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	3.6	14	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	3.6	14	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	3.6	14	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	3.6	14	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	3.6	14	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	3.6	14	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	27	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	41	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	28	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	41	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	44	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	28	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	36	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	20	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	22	1400	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	140	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	25	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	39	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	33	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2-Chlorophenol	ND	UJ	42	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2-Methylnaphthalene	ND	UJ	36	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	40	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2-Nitroaniline	ND	UJ	33	1400	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2-Nitrophenol	ND	UJ	23	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	33	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	3-Methylphenol	ND	UJ	28	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	3-Nitroaniline	ND	UJ	49	1400	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	23	1400	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	27	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	29	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	4-Chloroaniline	ND	UJ	50	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	32	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	28	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	4-Nitroaniline	ND	UJ	100	1400	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	4-Nitrophenol	ND	UJ	84	1400	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Acenaphthene	ND	UJ	27	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Acenaphthylene	ND	UJ	20	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Anthracene	ND	UJ	28	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Benzo(a)anthracene	ND	UJ	38	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	24	[illegible]0	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	33	[illegible]0	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	73	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	41	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Benzoic acid	ND	UJ	20	1400	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Benzyl alcohol	ND	UJ	47	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	31	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Carbazole	ND	UJ	38	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Chrysene	ND	UJ	32	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	32	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	28	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	62	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Dibenzofuran	ND	UJ	25	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Diethylphthalate	ND	UJ	690	690	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Dimethylphthalate	ND	UJ	32	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Fluoranthene	ND	UJ	56	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Fluorene	ND	UJ	27	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Hexachlorobenzene	ND	UJ	36	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	34	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	64	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Hexachloroethane	ND	UJ	41	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	48	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Isophorone	ND	UJ	29	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	57	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	99	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	33	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Naphthalene	ND	UJ	34	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Nitrobenzene	ND	UJ	36	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Pentachlorophenol	ND	UJ	35	1400	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Phenanthrene	ND	UJ	24	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Phenol	ND	UJ	37	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Pyrene	ND	UJ	41	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	32	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	42	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	53	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	38	350	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.74	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.35	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.45	8.2	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.29	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.44	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	0.98	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.34	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.15	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.98	8.2	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.35	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.3	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.38	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.38	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.69	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.45	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.1	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	2-Hexanone	ND	UJ	1.9	20	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.48	20	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Acetone	ND	U	17	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Benzene	ND	U	0.38	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.34	8.2	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.25	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Bromoform	ND	U	0.82	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Bromomethane	ND	U	0.59	8.2	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.1	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.72	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Chlorobenzene	ND	U	2	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Chloroethane	ND	U	0.9	8.2	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Chloroform	ND	U	0.45	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Chloromethane	ND	U	0.43	8.2	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Cyclohexane	ND	U	0.44	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.28	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	0.9	8.2	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.62	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.72	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.3	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Methylcyclohexane	0.26	J	0.25	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.51	8.2	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Styrene	ND	U	0.29	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.26	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.8	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Toluene	ND	U	0.71	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.7	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.78	8.2	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Vinyl chloride	ND	U	0.9	8.2	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Xylenes, Total	ND	U	0.57	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	0.98	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.41	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	0.9	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-A-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.26	4.1	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	100	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	100	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	130	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	130	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	150	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8330	2-Nitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8330	3-Nitrotoluene	ND	UJ	150	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8330	4-Nitrotoluene	ND	UJ	100	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8330	HMX	ND	UJ	100	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8330	Nitrobenzene	ND	UJ	110	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8330	RDX	ND	UJ	100	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8330	Tetryl	ND	UJ	100	500	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Aluminum	14600	J	13.8	55	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Antimony	ND	UJ	2.8	16.5	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Arsenic	12.1		0.41	1.4	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Barium	104		1.4	55	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Beryllium	0.81	J	0.28	1.4	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Cadmium	0.82	J	0.28	1.4	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Calcium	3860		275	1380	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Chromium	22	J	1.4	2.8	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Cobalt	14.1	J	1.4	13.8	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Copper	33.2	J	1.4	6.9	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Iron	29300	J	13.8	27.5	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Lead	13.8	J	0.41	0.82	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Magnesium	3550		275	1380	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Manganese	241		1.4	4.1	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Nickel	35.7		1.4	11	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Potassium	1680		275	1380	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Selenium	ND	U	0.83	[illegible]	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Silver	ND	U	0.28	[illegible]	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	*Reporting Limit	Units
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Sodium	ND	U	275	1380	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Thallium	ND	U	0.48	0.69	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Vanadium	39.5		1.4	13.8	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW6010B	Zinc	67	J	2.8	5.5	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW7471A	Mercury	0.024	J	0.017	0.042	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4.6	18	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4.6	18	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4.6	18	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4.6	18	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4.6	18	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	4.6	18	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	4.6	18	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	35	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	53	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	36	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	54	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	58	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	36	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	48	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	26	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	29	1800	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	180	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	33	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	52	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	44	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	2-Chlorophenol	ND	UJ	56	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	2-Methylnaphthalene	ND	UJ	48	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	53	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	2-Nitroaniline	ND	UJ	44	1800	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	2-Nitrophenol	ND	UJ	30	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	43	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	3-Methylphenol	ND	UJ	37	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	3-Nitroaniline	ND	UJ	64	1800	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	30	1800	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	35	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	38	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	4-Chloroaniline	ND	UJ	65	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	42	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	36	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	4-Nitroaniline	ND	UJ	140	1800	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	4-Nitrophenol	ND	UJ	110	1800	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Acenaphthene	ND	UJ	36	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Acenaphthylene	ND	UJ	27	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Anthracene	ND	UJ	37	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Benzo(a)anthracene	ND	UJ	50	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	31	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	43	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	96	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	54	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Benzoic acid	ND	UJ	26	1800	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Benzyl alcohol	ND	UJ	61	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	40	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Carbazole	ND	UJ	49	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Chrysene	ND	UJ	42	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	41	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	37	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	82	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Dibenzofuran	ND	UJ	33	450	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Diethylphthalate	ND	UJ	910	910	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Dimethylphthalate	ND	UJ	42	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Fluoranthene	ND	UJ	73	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Fluorene	ND	UJ	36	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Hexachlorobenzene	ND	UJ	47	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	45	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	83	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Hexachloroethane	ND	UJ	54	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	63	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Isophorone	ND	UJ	39	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	75	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	130	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	44	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Naphthalene	ND	UJ	44	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Nitrobenzene	ND	UJ	47	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Pentachlorophenol	ND	UJ	46	1800	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Phenanthrene	ND	UJ	31	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Phenol	ND	UJ	49	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	Pyrene	ND	UJ	54	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	42	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	56	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	70	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	49	450	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.96	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.46	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.58	11	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.37	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.57	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.3	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.45	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.19	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.3	11	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.46	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.39	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.49	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.49	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.89	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.58	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.5	53	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	2-Hexanone	ND	UJ	2.4	26	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.62	26	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Acetone	ND	U	20	53	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Benzene	ND	U	0.5	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.45	11	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.32	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Bromoform	ND	U	1.1	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Bromomethane	ND	U	0.76	11	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.4	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.93	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Chlorobenzene	ND	U	2.6	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Chloroethane	ND	U	1.2	11	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Chloroform	ND	U	0.58	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Chloromethane	ND	U	0.55	11	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Cyclohexane	ND	U	0.57	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.36	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.2	11	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.8	[illegible]	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.93	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Methyl Acetate	ND	U	1.7	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Methylcyclohexane	ND	U	0.32	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Methylene Chloride	ND	U	0.66	11	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Styrene	ND	U	0.37	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.34	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	1	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Toluene	ND	U	0.91	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.9	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	1	11	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Vinyl chloride	ND	U	1.2	11	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	Xylenes, Total	ND	U	0.74	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.3	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.53	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.2	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB-35-D-3'-5'	FD1	4/20/2007	12:55	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.34	5.3	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	83	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	83	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	110	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	110	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	120	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	UJ	120	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	UJ	83	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8330	HMX	ND	UJ	83	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8330	Nitrobenzene	ND	UJ	92	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8330	RDX	ND	UJ	83	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8330	Tetryl	ND	UJ	83	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Aluminum	10900	J	12.9	51.5	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Antimony	ND	UJ	2.6	15.5	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Arsenic	18.1		0.39	1.3	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Barium	63.6		1.3	51.5	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Beryllium	0.86	J	0.26	1.3	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Cadmium	1.2	J	0.26	1.3	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Calcium	41100		1290	6440	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Chromium	14.2	J	1.3	2.6	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Cobalt	26.5		1.3	12.9	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Copper	51.2	J	1.3	6.4	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Iron	22800	J	12.9	25.8	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Lead	19.6	J	0.39	0.77	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Magnesium	6350		258	1290	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Manganese	514		1.3	3.9	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Nickel	57.8		1.3	10.3	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Potassium	2580		258	1290	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Selenium	1.1	J	0.77	1.3	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Silver	ND	U	0.26	2.6	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Sodium	ND	U	258	1290	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Thallium	0.77		0.45	0.64	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Vanadium	21.9		1.3	12.9	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW6010B	Zinc	160	J	2.6	5.2	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW7471A	Mercury	0.024	J	0.017	0.042	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4.2	17	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4.2	17	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4.2	17	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4.2	17	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4.2	17	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	400	J	4.2	17	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	270	J	4.2	17	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	33	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	49	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	34	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	50	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	54	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	34	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	44	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	24	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	27	1700	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	170	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	30	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	48	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	40	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	UJ	51	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	200	J	44	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	49	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	UJ	40	1700	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	UJ	28	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	40	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	UJ	34	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	UJ	60	1700	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	28	1700	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	32	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	35	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	UJ	60	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	39	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	33	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	UJ	130	1700	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	UJ	100	1700	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Acenaphthene	ND	UJ	33	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	UJ	25	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Anthracene	ND	UJ	34	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	160	J	46	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	29	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	190	J	40	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	89	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	100	J	50	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Benzoic acid	ND	UJ	24	1700	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	UJ	57	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	37	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Carbazole	ND	UJ	46	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Chrysene	200	J	39	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	38	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	34	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	76	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	UJ	31	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	UJ	840	840	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	UJ	38	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Fluoranthene	300	J	67	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Fluorene	ND	UJ	33	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	UJ	44	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	41	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	77	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	UJ	50	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	58	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Isophorone	ND	UJ	36	[illegible]	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	69	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	120	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	40	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Naphthalene	64	J	41	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	UJ	44	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	UJ	42	1700	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Phenanthrene	290	J	29	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Phenol	ND	UJ	45	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	Pyrene	290	J	54	450	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	39	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	51	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	64	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	46	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	160	J	67	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	32	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	41	740	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	26	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	40	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	89	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	31	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	13	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	89	740	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	32	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	27	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	34	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	34	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	62	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	41	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	100	3700	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	170	1800	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	43	1800	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Acetone	ND	U	150	3700	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Benzene	ND	U	35	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	31	740	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	22	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Bromoform	ND	U	74	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	53	740	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Carbon Disulfide	ND	U	96	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	65	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	180	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	82	740	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Chloroform	ND	U	41	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	39	740	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Cyclohexane	ND	U	40	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	25	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	82	740	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	56	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	65	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	120	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Methylcyclohexane	1100		22	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	46	740	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Styrene	ND	U	26	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	24	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	72	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Toluene	ND	U	67	650	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	63	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	70	740	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	82	740	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	Xylenes, Total	200	J	52	370	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	89	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	37	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	82	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-0.5'-1.5'	N1	4/20/2007	13:25	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	24	370	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	80	400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	80	400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	80	400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	100	400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	100	400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	120	400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8330	2-Nitrotoluene	ND	UJ	80	400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8330	3-Nitrotoluene	ND	UJ	120	400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	80	400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8330	4-Nitrotoluene	ND	UJ	80	400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8330	HMX	ND	UJ	80	400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8330	Nitrobenzene	ND	UJ	88	400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8330	RDX	ND	UJ	80	400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8330	Tetryl	ND	UJ	80	400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Aluminum	13044	J	11.1	44.2	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Antimony	ND	UJ	2.2	13.3	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Arsenic	13.9		0.33	1.1	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Barium	290		2.2	88.4	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Beryllium	0.65	J	0.22	1.1	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Cadmium	0.54	J	0.22	1.1	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Calcium	48600		221	1110	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Chromium	18.9	J	1.1	2.2	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Cobalt	13.6	J	2.2	22.1	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Copper	36.9	J	1.1	5.5	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Iron	27200	J	11.1	22.1	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Lead	13.9	J	0.33	0.66	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Magnesium	11800		221	1110	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Manganese	409		1.1	3.3	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Nickel	39.1		1.1	8.8	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Potassium	3670		221	1110	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Selenium	ND	U	0.66	1.1	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Silver	ND	U	0.22	2.2	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Sodium	ND	U	221	1110	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Thallium	ND	U	0.39	0.55	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Vanadium	23.7		1.1	11.1	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW6010B	Zinc	73.5	J	2.2	4.4	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW7471A	Mercury	0.019	J	0.013	0.033	mg/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	3.6	14	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	3.6	14	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	3.6	14	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	3.6	14	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	3.6	14	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	3.6	14	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8082	PCB-1260 (Aroclor 1260)	4.8	J	4.8	14	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	28	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	42	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	29	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	43	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	45	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	29	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	37	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	20	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	23	[illegible]	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	140	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	26	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	40	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	2-Chloronaphthalene	ND	UJ	34	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	2-Chlorophenol	ND	UJ	44	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	2-Methylnaphthalene	52	J	37	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	41	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	2-Nitroaniline	ND	UJ	34	1400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	2-Nitrophenol	ND	UJ	24	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	34	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	3-Methylphenol	ND	UJ	29	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	3-Nitroaniline	ND	UJ	50	1400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	23	1400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	28	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	30	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	4-Chloroaniline	ND	UJ	51	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	33	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	28	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	4-Nitroaniline	ND	UJ	110	1400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	4-Nitrophenol	ND	UJ	87	1400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Acenaphthene	ND	UJ	28	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Acenaphthylene	ND	UJ	21	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Anthracene	ND	UJ	29	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Benzo(a)anthracene	ND	UJ	39	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Benzo(a)pyrene	ND	UJ	24	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	34	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	76	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	42	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Benzoic acid	ND	UJ	21	1400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Benzyl alcohol	ND	UJ	48	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Butylbenzylphthalate	ND	UJ	32	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Carbazole	ND	UJ	39	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Chrysene	ND	UJ	33	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Di-n-butylphthalate	ND	UJ	32	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Di-n-octylphthalate	ND	UJ	29	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	64	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Dibenzofuran	ND	UJ	26	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Diethylphthalate	ND	UJ	710	710	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Dimethylphthalate	ND	UJ	33	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Fluoranthene	ND	UJ	57	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Fluorene	ND	UJ	28	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Hexachlorobenzene	ND	UJ	37	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Hexachlorobutadiene	ND	UJ	35	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	66	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Hexachloroethane	ND	UJ	42	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	49	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Isophorone	ND	UJ	30	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	59	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	100	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	34	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Naphthalene	ND	UJ	35	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Nitrobenzene	ND	UJ	37	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Pentachlorophenol	ND	UJ	36	1400	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Phenanthrene	83	J	24	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Phenol	ND	UJ	38	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	Pyrene	ND	UJ	42	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	33	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	44	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	55	360	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	39	360	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	1,1,1-Trichloroethane	1200		38	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	18	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	23	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	1,1,2-Trichloroethane	ND	U	15	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	1,1-Dichloroethane	760		23	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	1,1-Dichloroethene	140	J	51	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	18	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	7.6	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	51	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	18	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	1,2-Dichlorobenzene	ND	U	16	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	1,2-Dichloroethane	23	J	20	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	1,2-Dichloropropane	ND	U	20	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	1,3-Dichlorobenzene	ND	U	36	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	1,4-Dichlorobenzene	ND	U	23	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	60	2100	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	2-Hexanone	ND	UJ	98	1100	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	25	1100	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Acetone	ND	U	85	2100	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Benzene	ND	U	20	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Bromochloromethane	ND	U	18	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Bromodichloromethane	ND	U	13	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Bromoform	ND	U	42	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Bromomethane	ND	U	31	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Carbon Disulfide	ND	U	55	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Carbon tetrachloride	ND	U	37	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Chlorobenzene	ND	U	110	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Chloroethane	ND	U	47	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Chloroform	ND	U	23	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Chloromethane	ND	U	22	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Cyclohexane	ND	U	23	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Dibromochloromethane	ND	U	14	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Dichlorodifluoromethane	ND	U	47	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Ethylbenzene	ND	U	32	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	37	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Methyl Acetate	ND	U	68	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Methylcyclohexane	ND	U	13	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Methylene Chloride	ND	U	26	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Styrene	ND	U	15	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	14	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	41	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Toluene	ND	U	36	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Trichloroethene (TCE)	ND	U	36	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Trichlorofluoromethane	ND	U	40	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Vinyl chloride	ND	U	47	420	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	Xylenes, Total	ND	U	30	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	51	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	21	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	47	210	ug/Kg
AA1-SB36	PBOW-07-SO-AA1-SB-36-A-8'-10'	N1	4/20/2007	13:30	8	10	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	14	210	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	80	400	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	80	400	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	80	400	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	100	400	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	100	400	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	120	[illegible]	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	UJ	80	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	UJ	120	400	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	80	400	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	UJ	80	400	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8330	HMX	ND	UJ	80	400	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8330	Nitrobenzene	ND	UJ	88	400	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8330	RDX	ND	UJ	80	400	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8330	Tetryl	ND	UJ	80	400	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Aluminum	6270	J	12.8	51.3	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Antimony	ND	UJ	2.6	15.4	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Arsenic	4.2		0.38	1.3	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Barium	20.4	J	1.3	51.3	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Beryllium	0.39	J	0.26	1.3	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Cadmium	ND	U	0.26	1.3	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Calcium	16000		256	1280	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Chromium	11.2	J	1.3	2.6	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Cobalt	4.1	J	1.3	12.8	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Copper	8.6	J	1.3	6.4	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Iron	13600	J	12.8	25.6	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Lead	14.4	J	0.39	0.77	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Magnesium	4340		256	1280	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Manganese	235		1.3	3.8	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Nickel	10.8		1.3	10.3	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Potassium	797	J	256	1280	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.77	1.3	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Silver	ND	U	0.26	2.6	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Sodium	ND	U	256	1280	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.58	0.64	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Vanadium	23.7		1.3	12.8	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW6010B	Zinc	32.8	J	2.6	5.1	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW7471A	Mercury	0.067		0.015	0.038	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4.1	16	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4.1	16	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4.1	16	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4.1	16	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4.1	16	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	1900	J	21	83	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	1600	J	21	83	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	32	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	48	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	33	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	49	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	52	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	33	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	43	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	23	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	30	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	47	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	39	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	UJ	50	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	ND	UJ	43	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	48	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	UJ	40	1600	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	UJ	27	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	39	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	UJ	33	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	UJ	58	1600	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	27	1600	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	32	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	34	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	UJ	59	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	38	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	33	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	UJ	120	1600	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	UJ	100	1600	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Acenaphthene	ND	UJ	32	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	UJ	24	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Anthracene	ND	UJ	34	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	ND	UJ	45	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	28	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	39	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	87	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	48	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Benzoic acid	ND	UJ	24	1600	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	UJ	55	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	37	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Carbazole	ND	UJ	44	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Chrysene	ND	UJ	38	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	37	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	33	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	74	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	UJ	30	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	UJ	820	820	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	UJ	38	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Fluoranthene	72	J	66	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Fluorene	ND	UJ	32	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	UJ	43	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	40	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	75	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	UJ	48	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	57	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Isophorone	ND	UJ	35	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	68	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	120	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	39	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Naphthalene	ND	UJ	40	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	UJ	43	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	UJ	42	1600	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Phenanthrene	ND	UJ	28	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Phenol	ND	UJ	44	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	Pyrene	69	J	49	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	38	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	50	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	63	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	44	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.88	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.42	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.54	9.8	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.34	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.53	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.41	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2		ug/Kg
AA1-SB37	BOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	O	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.42		ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.36	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.45	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.45	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.82	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.54	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	49	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	2-Hexanone	ND	UJ	2.2	24	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.57	24	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Acetone	ND	U	27	49	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Benzene	3.8	J	0.46	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.41	9.8	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.29	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Bromoform	ND	U	0.98	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	0.7	9.8	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Carbon Disulfide	1.7	J	1.3	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	0.86	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	2.4	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	1.1	9.8	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.54	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.51	9.8	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Cyclohexane	9.4		0.53	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.33	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.1	9.8	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Ethylbenzene	1.2	J	0.73	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.86	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	1.6	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Methylcyclohexane	12		0.29	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.61	9.8	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.34	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.31	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.95	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Toluene	5.4		0.84	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	1.7	J	0.83	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.93	9.8	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	1.1	9.8	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	Xylenes, Total	3.1	J	0.68	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.49	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-0.5'-1.5'	N1	4/20/2007	14:20	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.31	4.9	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	95	480	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	95	480	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	95	480	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	120	480	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8330	2,6-Dinitrotoluene	ND	UJ	120	480	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	140	480	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8330	2-Nitrotoluene	ND	UJ	95	480	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8330	3-Nitrotoluene	ND	UJ	140	480	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	95	480	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8330	4-Nitrotoluene	ND	UJ	95	480	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8330	HMX	ND	UJ	95	480	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8330	Nitrobenzene	ND	UJ	100	480	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8330	RDX	ND	UJ	95	480	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8330	Tetryl	ND	UJ	95	480	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Aluminum	11000	J	12.8	51.3	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Antimony	ND	UJ	2.6	15.4	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Arsenic	6.2		0.38	1.3	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Barium	63.4		1.3	51.3	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Beryllium	0.57	J	0.26	1.3	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Cadmium	0.54	J	0.26	1.3	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Calcium	64300		1280	6410	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Chromium	16.1	J	1.3	2.6	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Cobalt	9.3	J	1.3	12.8	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Copper	24.8	J	1.3	6.4	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Iron	21400	J	12.8	25.7	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Lead	11.7	J	0.38	0.77	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Magnesium	23700		257	1280	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Manganese	535		1.3	3.8	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Nickel	25.4		1.3	10.3	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Potassium	2790		257	1280	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Selenium	ND	U	0.77	1.3	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Silver	ND	U	0.26	2.6	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Sodium	259	J	257	1280	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Thallium	ND	U	0.45	0.64	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Vanadium	26.6		1.3	12.8	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW6010B	Zinc	51.8	J	2.6	5.1	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW7471A	Mercury	ND	U	0.015	0.038	mg/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4.1	16	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4.1	16	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4.1	16	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4.1	16	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4.1	16	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	4.1	16	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	4.1	16	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	32	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	49	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	33	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	50	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	53	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	33	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	43	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	23	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	160	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	30	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	47	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	2-Chloronaphthalene	ND	UJ	40	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	2-Chlorophenol	ND	UJ	51	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	2-Methylnaphthalene	ND	UJ	43	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	48	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	2-Nitroaniline	ND	UJ	40	1600	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	2-Nitrophenol	ND	UJ	27	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	39	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	3-Methylphenol	ND	UJ	34	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	3-Nitroaniline	ND	UJ	59	1600	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	27	1600	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	32	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	34	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	4-Chloroaniline	ND	UJ	60	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	38	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	33	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	4-Nitroaniline	ND	UJ	120	1600	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	4-Nitrophenol	ND	UJ	100	1600	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Acenaphthene	ND	UJ	33	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Acenaphthylene	ND	UJ	24	[illegible]	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Anthracene	ND	UJ	34	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Benzo(a)anthracene	ND	UJ	45	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Benzo(a)pyrene	ND	UJ	28	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	39	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	88	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	49	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Benzoic acid	ND	UJ	24	1600	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Benzyl alcohol	ND	UJ	56	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Butylbenzylphthalate	ND	UJ	37	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Carbazole	ND	UJ	45	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Chrysene	ND	UJ	38	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Di-n-butylphthalate	ND	UJ	38	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Di-n-octylphthalate	ND	UJ	33	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	75	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Dibenzofuran	ND	UJ	30	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Diethylphthalate	ND	UJ	830	830	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Dimethylphthalate	ND	UJ	38	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Fluoranthene	ND	UJ	66	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Fluorene	ND	UJ	32	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Hexachlorobenzene	ND	UJ	43	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Hexachlorobutadiene	ND	UJ	41	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	76	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Hexachloroethane	ND	UJ	49	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	57	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Isophorone	ND	UJ	35	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	68	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	120	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	40	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Naphthalene	ND	UJ	40	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Nitrobenzene	ND	UJ	43	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Pentachlorophenol	ND	UJ	42	1600	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Phenanthrene	ND	UJ	28	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Phenol	ND	UJ	45	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	Pyrene	ND	UJ	49	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	38	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	51	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	64	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	45	410	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.9	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.43	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.55	10	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.36	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	1,1-Dichloroethane	ND	U	0.54	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.42	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.43	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.37	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	1,2-Dichloroethane	ND	U	0.46	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	1,2-Dichloropropane	ND	U	0.46	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.84	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.55	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	50	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	2-Hexanone	ND	UJ	2.3	25	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.58	25	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Acetone	39	J	2	50	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Benzene	1.7	J	0.47	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Bromochloromethane	ND	U	0.42	10	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Bromodichloromethane	ND	U	0.3	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Bromoform	ND	U	1	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Bromomethane	ND	U	0.72	10	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Carbon Disulfide	3.6	J	1.3	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Carbon tetrachloride	ND	U	0.88	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Chlorobenzene	ND	U	2.5	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Chloroethane	ND	U	1.1	10	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Chloroform	ND	U	0.55	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Chloromethane	ND	U	0.52	10	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Cyclohexane	7.4		0.54	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Dibromochloromethane	ND	U	0.34	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Ethylbenzene	ND	U	0.75	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.88	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Methyl Acetate	ND	U	1.6	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Methylcyclohexane	7.9		0.3	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Methylene Chloride	ND	U	0.62	10	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Styrene	ND	U	0.35	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.32	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.97	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Toluene	2	J	0.86	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Trichloroethene (TCE)	1.6	J	0.85	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Trichlorofluoromethane	ND	U	0.95	10	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Vinyl chloride	ND	U	1.1	10	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	Xylenes, Total	ND	U	0.7	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.5	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5	ug/Kg
AA1-SB37	PBOW-07-SO-AA1-SB-37-A-8'-10'	N1	4/20/2007	14:25	8	10	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.32	5	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	UJ	87	430	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	UJ	87	430	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	UJ	110	430	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	130	430	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	UJ	130	430	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	UJ	87	430	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8330	HMX	ND	UJ	87	430	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8330	Nitrobenzene	ND	UJ	96	430	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8330	RDX	ND	UJ	87	430	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8330	Tetryl	ND	UJ	87	430	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Aluminum	9970	J	12.9	51.4	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Antimony	ND	UJ	2.6	15.4	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Arsenic	6.7		0.39	1.3	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Barium	32.1	J	1.3	51.4	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Beryllium	0.62	J	0.26	1.3	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Cadmium	0.28	J	0.26	1.3	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Calcium	3900		257	1290	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Chromium	21	J	1.3	2.6	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Cobalt	5.4	J	1.3	12.9	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Copper	7.2	J	1.3	6.4	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Iron	28300	J	12.9	25.7	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Lead	11.6	J	0.39	0.77	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Magnesium	2220		257	1290	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Manganese	222		1.3	3.9	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Nickel	12.3		1.3	3	mg/Kg
AA1-SB38	BOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Potassium	594	J	257	0	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Selenium	ND	U	0.77	1.3	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Silver	ND	U	0.26	2.6	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Sodium	ND	U	257	1290	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Thallium	ND	U	0.51	0.64	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Vanadium	51.7		1.3	12.9	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW6010B	Zinc	42.2	J	2.6	5.1	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW7471A	Mercury	0.042		0.015	0.038	mg/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4.2	17	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4.2	17	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4.2	17	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4.2	17	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4.2	17	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	330	J	4.2	17	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	140	J	4.2	17	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	33	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	UJ	49	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	1,2-Diphenylhydrazine	ND	UJ	34	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	UJ	50	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	UJ	54	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	UJ	34	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	UJ	44	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	UJ	24	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	UJ	27	1700	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	UJ	170	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	UJ	30	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	UJ	48	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	UJ	40	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	UJ	51	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	ND	UJ	44	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	49	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	UJ	40	1700	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	UJ	28	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	40	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	3-Methylphenol	ND	UJ	34	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	UJ	60	1700	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	28	1700	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	33	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	UJ	35	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	UJ	60	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	39	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	33	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	UJ	130	1700	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	UJ	100	1700	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Acenaphthene	ND	UJ	33	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	UJ	25	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Anthracene	ND	UJ	34	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	ND	UJ	46	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	ND	UJ	29	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	ND	UJ	40	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	ND	UJ	89	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	UJ	50	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Benzoic acid	ND	UJ	24	1700	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	UJ	57	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	UJ	37	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Carbazole	ND	UJ	46	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Chrysene	ND	UJ	39	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	UJ	38	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	UJ	34	420	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	UJ	76	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	UJ	31	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	UJ	840	840	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	UJ	38	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Fluoranthene	ND	UJ	68	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Fluorene	ND	UJ	33	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	UJ	44	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	UJ	41	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	UJ	77	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	UJ	50	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	58	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Isophorone	ND	UJ	36	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	69	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	N-Nitrosodimethylamine	ND	UJ	120	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	UJ	40	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Naphthalene	ND	UJ	41	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	UJ	44	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	UJ	43	1700	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Phenanthrene	ND	UJ	29	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Phenol	ND	UJ	45	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	Pyrene	ND	UJ	50	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	39	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	51	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	65	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	46	420	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.92	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.44	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.56	10	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.36	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.55	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.43	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.44	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.38	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.47	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.47	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.86	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.56	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	51	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	2-Hexanone	ND	U	2.3	25	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.59	25	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Acetone	ND	U	32	57	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Benzene	ND	U	0.48	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.43	10	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.3	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Bromoform	ND	U	1	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	0.73	10	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Carbon Disulfide	ND	U	1.3	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	0.9	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	2.5	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	1.1	10	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.56	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	0.53	10	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Cyclohexane	ND	U	0.55	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.35	[illegible]	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1.1	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	0.76	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.9	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Methyl Acetate	ND	U	1.6	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Methylcyclohexane	ND	U	0.3	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	0.63	10	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.36	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.32	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.99	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Toluene	ND	U	0.88	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.86	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	0.97	10	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	1.1	10	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	Xylenes, Total	ND	U	0.71	5	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.51	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5.1	ug/Kg
AA1-SB38	PBOW-07-SO-AA1-SB-38-A-0.5'-1.5'	N1	4/20/2007	14:40	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.32	5.1	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	80	400	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	80	400	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8330	2,4,6-Trinitrotoluene	ND	U	80	400	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8330	2,4-Dinitrotoluene	ND	U	100	400	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	100	400	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	120	400	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8330	2-Nitrotoluene	ND	U	80	400	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8330	3-Nitrotoluene	ND	U	120	400	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	80	400	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8330	4-Nitrotoluene	ND	U	80	400	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8330	HMX	ND	U	80	400	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8330	Nitrobenzene	ND	U	88	400	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8330	RDX	ND	U	80	400	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8330	Tetryl	100	J	80	400	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Aluminum	47600		19.5	78	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Antimony	ND	UJ	7.8	46.8	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Arsenic	20.8		1.2	3.9	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Barium	47.5	J	2	78	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Beryllium	13.8		0.39	2	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Cadmium	3.7	J	0.78	3.9	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Calcium	4900		390	1950	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Chromium	16.8	J	2	3.9	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Cobalt	77.3		2	19.5	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Copper	51.7	J	2	9.8	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Iron	54600		39	78	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Lead	33.8		1.2	2.3	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Magnesium	2100		390	1950	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Manganese	257	J	3.9	11.7	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Nickel	243		3.9	31.2	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Potassium	1780	J	390	1950	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Selenium	ND	U	2.3	3.9	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Silver	ND	U	0.88	3.9	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Sodium	ND	U	390	1950	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Thallium	ND	U	0.98	2	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Vanadium	25.6	J	3.9	39	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW6010B	Zinc	286	J	7.8	15.6	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW7471A	Mercury	0.079		0.025	0.063	mg/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	6.4	26	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	6.4	26	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	6.4	26	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	6.4	26	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	6.4	26	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	40		6.4	26	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	73		6.4	26	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	51	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	UJ	77	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	UJ	52	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	UJ	78	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	UJ	83	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	UJ	52	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	UJ	68	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	UJ	37	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	UJ	42	2600	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	UJ	260	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	UJ	47	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	UJ	74	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	2-Chloronaphthalene	ND	UJ	63	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	2-Chlorophenol	ND	UJ	80	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	2-Methylnaphthalene	ND	UJ	68	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	76	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	2-Nitroaniline	ND	UJ	63	2600	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	2-Nitrophenol	ND	UJ	43	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	62	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	3-Methylphenol	ND	UJ	53	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	3-Nitroaniline	ND	UJ	93	2600	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	43	2600	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	51	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	UJ	54	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	4-Chloroaniline	ND	UJ	94	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	60	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	52	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	4-Nitroaniline	ND	UJ	200	2600	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	4-Nitrophenol	ND	UJ	160	2600	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Acenaphthene	ND	UJ	52	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Acenaphthylene	ND	UJ	38	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Anthracene	ND	UJ	53	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Benzo(a)anthracene	230	J	71	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Benzo(a)pyrene	ND	UJ	45	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Benzo(b)fluoranthene	390	J	62	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Benzo(g,h,i)perylene	ND	UJ	140	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Benzo(k)fluoranthene	380	J	77	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Benzoic acid	ND	UJ	38	2600	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Benzyl alcohol	ND	UJ	88	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Butylbenzylphthalate	ND	UJ	58	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Carbazole	ND	UJ	71	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Chrysene	380	J	61	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Di-n-butylphthalate	ND	UJ	77	830	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Di-n-octylphthalate	ND	UJ	53	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	UJ	120	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Dibenzofuran	ND	UJ	48	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Diethylphthalate	ND	UJ	1300	1300	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Dimethylphthalate	ND	UJ	60	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Fluoranthene	500	J	100	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Fluorene	ND	UJ	51	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Hexachlorobenzene	ND	UJ	68	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Hexachlorobutadiene	ND	UJ	64	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	UJ	120	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Hexachloroethane	ND	UJ	77	[illegible]	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	90	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Isophorone	ND	UJ	56	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	110	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	UJ	190	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	UJ	63	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Naphthalene	ND	UJ	64	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Nitrobenzene	ND	UJ	68	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Pentachlorophenol	ND	UJ	66	2600	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Phenanthrene	170	J	45	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Phenol	ND	UJ	71	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	Pyrene	450	J	78	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	61	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	80	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	100	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	71	650	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	1.9	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.92	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	1.2	21	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.75	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	1,1-Dichloroethane	ND	U	1.2	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	2.6	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.9	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	UJ	0.39	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	UJ	2.6	21	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.92	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	UJ	0.79	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	0.99	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	0.99	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	1.8	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	UJ	1.2	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	24	J	3	110	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	2-Hexanone	ND	U	4.9	54	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.2	54	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Acetone	220		4.3	110	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Benzene	ND	U	1	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Bromochloromethane	ND	U	0.9	21	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.64	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Bromoform	ND	U	2.1	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Bromomethane	ND	U	1.5	21	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Carbon Disulfide	ND	UJ	2.8	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	1.9	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Chlorobenzene	ND	U	5.4	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Chloroethane	7.1	J	2.4	21	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Chloroform	ND	U	1.2	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Chloromethane	ND	U	1.1	21	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Cyclohexane	ND	U	1.2	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.73	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	2.4	21	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Ethylbenzene	ND	U	1.6	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	1.9	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Methyl Acetate	ND	U	3.4	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Methylcyclohexane	ND	U	0.64	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Methylene Chloride	ND	U	1.3	21	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Styrene	ND	U	0.75	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.69	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	2.1	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Toluene	ND	U	1.8	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Trichloroethene (TCE)	ND	U	1.8	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	2	21	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Vinyl chloride	ND	U	2.4	21	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	Xylenes, Total	ND	U	1.5	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	2.6	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	1.1	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	2.4	11	ug/Kg
AA1-SD01	PBOW-07-SD-AA1-SD01-A	N1	5/23/2007	11:50	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.69	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	100	500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	100	500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8330	2,4,6-Trinitrotoluene	ND	U	100	500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8330	2,4-Dinitrotoluene	ND	U	130	500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	130	500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	150	500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8330	2-Nitrotoluene	ND	U	100	500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8330	3-Nitrotoluene	ND	U	150	500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	100	500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8330	4-Nitrotoluene	110	J	100	500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8330	HMX	ND	U	100	500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8330	Nitrobenzene	ND	U	110	500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8330	RDX	210	J	100	500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8330	Tetryl	ND	U	100	500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Aluminum	19000		19.1	76.5	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Antimony	ND	UJ	3.8	23	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Arsenic	1.7	J	0.57	1.9	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Barium	4.4	J	1.9	76.5	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Beryllium	3		0.38	1.9	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Cadmium	2.2		0.38	1.9	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Calcium	3880		383	1910	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Chromium	2	J	1.9	3.8	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Cobalt	22.8		1.9	19.1	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Copper	35	J	1.9	9.6	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Iron	1470		19.1	38.3	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Lead	5.6		0.57	1.1	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Magnesium	482	J	383	1910	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Manganese	18.9	J	1.9	5.7	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Nickel	84.4		1.9	15.3	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Potassium	ND	U	383	1910	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Selenium	1.5	J	1.1	1.9	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Silver	ND	U	0.38	3.8	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Sodium	ND	U	383	1910	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Thallium	ND	U	0.48	0.96	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Vanadium	2	J	1.9	19.1	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW6010B	Zinc	122	J	3.8	7.7	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW7471A	Mercury	0.037	J	0.024	0.06	mg/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	6.2	25	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	6.2	25	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	6.2	25	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	6.2	25	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	6.2	25	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	8	J	6.2	25	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	23	J	6.2	25	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	49	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	UJ	74	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	UJ	51	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	UJ	75	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	UJ	80	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	UJ	51	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	UJ	66	[illegible]	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	UJ	36	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	UJ	40	2500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	UJ	250	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	UJ	46	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	UJ	72	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	2-Chloronaphthalene	ND	UJ	60	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	2-Chlorophenol	ND	UJ	77	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	2-Methylnaphthalene	ND	UJ	66	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	73	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	2-Nitroaniline	ND	UJ	61	2500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	2-Nitrophenol	ND	UJ	42	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	60	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	3-Methylphenol	ND	UJ	51	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	3-Nitroaniline	ND	UJ	90	2500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	41	2500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	49	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	UJ	53	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	4-Chloroaniline	ND	UJ	91	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	58	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	50	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	4-Nitroaniline	ND	UJ	190	2500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	4-Nitrophenol	ND	UJ	150	2500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Acenaphthene	ND	UJ	50	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Acenaphthylene	ND	UJ	37	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Anthracene	ND	UJ	52	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Benzo(a)anthracene	ND	UJ	69	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Benzo(a)pyrene	ND	UJ	43	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Benzo(b)fluoranthene	ND	UJ	60	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Benzo(g,h,i)perylene	ND	UJ	130	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Benzo(k)fluoranthene	ND	UJ	74	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Benzoic acid	ND	UJ	37	2500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Benzyl alcohol	ND	UJ	85	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Butylbenzylphthalate	ND	UJ	56	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Carbazole	ND	UJ	68	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Chrysene	ND	UJ	59	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Di-n-butylphthalate	ND	UJ	58	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Di-n-octylphthalate	ND	UJ	51	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	UJ	110	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Dibenzofuran	ND	UJ	46	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Diethylphthalate	ND	UJ	1300	1300	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Dimethylphthalate	ND	UJ	58	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Fluoranthene	ND	UJ	100	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Fluorene	ND	UJ	49	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Hexachlorobenzene	ND	UJ	66	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Hexachlorobutadiene	ND	UJ	62	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	UJ	120	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Hexachloroethane	ND	UJ	74	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	87	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Isophorone	ND	UJ	54	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	100	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	UJ	180	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	UJ	60	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Naphthalene	ND	UJ	61	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Nitrobenzene	ND	UJ	65	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Pentachlorophenol	ND	UJ	64	2500	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Phenanthrene	ND	UJ	43	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Phenol	ND	UJ	68	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	Pyrene	ND	UJ	75	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	59	630	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	77	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	97	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	68	630	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	2	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.98	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	1.2	23	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.8	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	1,1-Dichloroethane	ND	U	1.2	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	2.7	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.96	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.41	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	2.7	23	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.98	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	U	0.84	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	1	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	1	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	1.9	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	U	1.2	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	53	J	3.2	110	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	2-Hexanone	ND	U	5.2	57	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.3	57	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Acetone	250	J	4.6	110	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Benzene	ND	U	1.1	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Bromochloromethane	ND	U	0.96	23	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.68	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Bromoform	ND	U	2.3	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Bromomethane	ND	U	1.6	23	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Carbon Disulfide	30	J	3	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	2	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Chlorobenzene	ND	U	5.7	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Chloroethane	ND	U	2.5	23	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Chloroform	ND	U	1.2	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Chloromethane	ND	U	1.2	23	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Cyclohexane	ND	U	1.2	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.78	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	2.5	23	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Ethylbenzene	ND	U	1.7	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	2	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Methyl Acetate	ND	U	3.6	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Methylcyclohexane	ND	U	0.68	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Methylene Chloride	ND	U	1.4	23	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Styrene	ND	U	0.8	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.73	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	2.2	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Toluene	ND	U	2	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Trichloroethene (TCE)	ND	U	1.9	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	2.2	23	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Vinyl chloride	ND	U	2.5	23	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	Xylenes, Total	ND	U	1.6	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	2.7	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	1.1	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	2.5	11	ug/Kg
AA1-SD02	PBOW-07-SD-AA1-SD02-A	N1	5/23/2007	12:10	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.73	11	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	95	480	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	95	480	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8330	2,4,6-Trinitrotoluene	ND	U	95	480	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8330	2,4-Dinitrotoluene	ND	U	120	[illegible]	ug/Kg
AA1-SD03	BOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	120	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	140	480	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8330	2-Nitrotoluene	ND	U	95	480	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8330	3-Nitrotoluene	ND	U	140	480	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	95	480	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8330	4-Nitrotoluene	ND	U	95	480	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8330	HMX	ND	U	95	480	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8330	Nitrobenzene	ND	U	100	480	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8330	RDX	ND	U	95	480	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8330	Tetryl	ND	U	95	480	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Aluminum	16400		12.2	48.8	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Antimony	ND	UJ	2.4	14.6	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Arsenic	9.2		0.37	1.2	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Barium	84	J	1.2	48.8	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Beryllium	1.8		0.24	1.2	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Cadmium	1.1	J	0.24	1.2	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Calcium	3370		244	1220	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Chromium	16.7	J	1.2	2.4	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Cobalt	26.5		1.2	12.2	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Copper	20	J	1.2	6.1	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Iron	22300		12.2	24.4	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Lead	13.8		0.37	0.73	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Magnesium	2800		244	1220	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Manganese	409	J	1.2	3.7	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Nickel	70		1.2	9.8	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Potassium	1460	J	244	1220	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Selenium	ND	U	0.73	1.2	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Silver	ND	U	0.24	2.4	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Sodium	ND	U	244	1220	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Thallium	ND	U	0.3	0.61	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Vanadium	28.7		1.2	12.2	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW6010B	Zinc	99.7		2.4	4.9	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW7471A	Mercury	0.042		0.015	0.038	mg/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	3.9	16	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	3.9	16	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	3.9	16	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	3.9	16	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	3.9	16	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	18		3.9	16	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	48		3.9	16	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	31	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	UJ	47	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	UJ	32	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	UJ	48	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	UJ	51	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	UJ	32	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	UJ	42	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	UJ	23	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	UJ	160	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	UJ	29	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	UJ	46	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	2-Chloronaphthalene	ND	UJ	38	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	2-Chlorophenol	ND	UJ	49	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	2-Methylnaphthalene	ND	UJ	42	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	46	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	2-Nitroaniline	ND	UJ	39	1600	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	2-Nitrophenol	ND	UJ	27	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	38	400	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	3-Methylphenol	ND	UJ	33	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	3-Nitroaniline	ND	UJ	57	1600	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	26	1600	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	31	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	UJ	34	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	4-Chloroaniline	ND	UJ	58	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	37	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	32	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	4-Nitroaniline	ND	UJ	120	1600	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	4-Nitrophenol	ND	UJ	98	1600	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Acenaphthene	ND	UJ	32	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Acenaphthylene	ND	UJ	24	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Anthracene	ND	UJ	33	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Benzo(a)anthracene	130	J	44	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Benzo(a)pyrene	130	J	28	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Benzo(b)fluoranthene	100	J	38	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Benzo(g,h,i)perylene	ND	UJ	85	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Benzo(k)fluoranthene	140	J	47	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Benzoic acid	ND	UJ	23	1600	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Benzyl alcohol	ND	UJ	54	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Butylbenzylphthalate	ND	UJ	36	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Carbazole	ND	UJ	44	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Chrysene	140	J	37	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Di-n-butylphthalate	ND	UJ	150	510	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Di-n-octylphthalate	ND	UJ	32	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	UJ	73	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Dibenzofuran	ND	UJ	30	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Diethylphthalate	ND	UJ	800	800	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Dimethylphthalate	ND	UJ	37	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Fluoranthene	230	J	64	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Fluorene	ND	UJ	32	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Hexachlorobenzene	ND	UJ	42	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Hexachlorobutadiene	ND	UJ	40	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	UJ	74	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Hexachloroethane	ND	UJ	47	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	56	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Isophorone	ND	UJ	34	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	620	J	66	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	UJ	110	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	UJ	38	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Naphthalene	ND	UJ	39	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Nitrobenzene	ND	UJ	42	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Pentachlorophenol	ND	UJ	41	1600	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Phenanthrene	90	J	28	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Phenol	ND	UJ	43	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	Pyrene	220	J	48	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	37	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	49	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	62	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	50	J	44	400	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	0.87	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.42	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.53	9.7	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.34	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	1,1-Dichloroethane	ND	U	0.52	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	1.2	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.41	[illegible]	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.17	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	9.7	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.42	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	U	0.36	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	0.45	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	0.45	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	0.81	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	U	0.53	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	2.7	J	1.4	48	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	2-Hexanone	ND	U	2.2	24	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.56	24	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Acetone	ND	U	19	96	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Benzene	ND	U	0.46	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Bromochloromethane	ND	U	0.41	9.7	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.29	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Bromoform	ND	U	0.97	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Bromomethane	ND	U	0.7	9.7	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Carbon Disulfide	ND	UJ	1.3	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	0.85	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Chlorobenzene	ND	U	2.4	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Chloroethane	ND	U	1.1	9.7	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Chloroform	ND	U	0.53	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Chloromethane	ND	U	0.5	9.7	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Cyclohexane	ND	U	0.52	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.33	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	1.1	9.7	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Ethylbenzene	ND	U	0.73	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.85	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Methyl Acetate	ND	U	1.6	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Methylcyclohexane	ND	U	0.29	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Methylene Chloride	ND	U	0.6	9.7	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Styrene	ND	U	0.34	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.31	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	0.94	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Toluene	ND	U	0.83	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Trichloroethene (TCE)	ND	U	0.82	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	0.92	9.7	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Vinyl chloride	ND	U	1.1	9.7	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	Xylenes, Total	ND	U	0.68	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	0.48	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	4.8	ug/Kg
AA1-SD03	PBOW-07-SD-AA1-SD03-A	N1	5/23/2007	12:20	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.31	4.8	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	83	420	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	83	420	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8330	2,4,6-Trinitrotoluene	ND	U	83	420	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8330	2,4-Dinitrotoluene	ND	U	110	420	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	110	420	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	120	420	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8330	2-Nitrotoluene	ND	U	83	420	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8330	3-Nitrotoluene	ND	U	120	420	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	83	420	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8330	4-Nitrotoluene	ND	U	83	420	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8330	HMX	ND	U	83	420	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8330	Nitrobenzene	ND	U	92	420	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8330	RDX	ND	U	83	420	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8330	Tetryl	ND	U	83	420	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Aluminum	9860		13	51.9	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Antimony	ND	UJ	2.6	15.6	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Arsenic	5.2		0.39	1.3	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Barium	57.3	J	1.3	51.9	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Beryllium	0.53	J	0.26	1.3	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Cadmium	0.43	J	0.26	1.3	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Calcium	46500		2600	13000	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Chromium	15.3	J	1.3	2.6	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Cobalt	8.2	J	1.3	13	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Copper	18	J	1.3	6.5	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Iron	17200		13	26	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Lead	23.6		0.39	0.78	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Magnesium	13100		260	1300	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Manganese	508	J	1.3	3.9	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Nickel	21.7		1.3	10.4	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Potassium	2050		260	1300	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Selenium	ND	U	0.78	1.3	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Silver	ND	U	0.26	2.6	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Sodium	ND	U	260	1300	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Thallium	ND	U	0.32	0.65	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Vanadium	25.7	J	1.3	13	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW6010B	Zinc	50.3		2.6	5.2	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW7471A	Mercury	0.043	J	0.017	0.043	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.2	17	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.2	17	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.2	17	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.2	17	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.2	17	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	25	J	4.2	17	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	64	J	4.2	17	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	34	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	UJ	51	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	UJ	34	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	UJ	52	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	UJ	55	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	UJ	35	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	UJ	45	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	UJ	24	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	UJ	28	1700	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	UJ	170	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	UJ	31	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	UJ	49	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	2-Chloronaphthalene	ND	UJ	41	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	2-Chlorophenol	ND	UJ	53	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	2-Methylnaphthalene	ND	UJ	45	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	50	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	2-Nitroaniline	ND	UJ	42	1700	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	2-Nitrophenol	ND	UJ	28	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	41	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	3-Methylphenol	ND	UJ	35	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	3-Nitroaniline	ND	UJ	61	1700	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	28	1700	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	33	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	UJ	36	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	4-Chloroaniline	ND	UJ	62	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	40	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	34	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	4-Nitroaniline	ND	UJ	130	1700	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	4-Nitrophenol	ND	UJ	100	[illegible]0	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Acenaphthene	ND	UJ	34	[illegible]0	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Acenaphthylene	ND	UJ	25	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Anthracene	ND	UJ	35	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Benzo(a)anthracene	ND	UJ	47	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Benzo(a)pyrene	ND	UJ	30	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Benzo(b)fluoranthene	ND	UJ	41	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Benzo(g,h,i)perylene	ND	UJ	91	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Benzo(k)fluoranthene	ND	UJ	51	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Benzoic acid	ND	UJ	25	1700	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Benzyl alcohol	ND	UJ	58	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Butylbenzylphthalate	ND	UJ	38	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Carbazole	ND	UJ	47	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Chrysene	ND	UJ	40	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Di-n-butylphthalate	ND	UJ	39	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Di-n-octylphthalate	ND	UJ	35	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	UJ	78	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Dibenzofuran	ND	UJ	32	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Diethylphthalate	ND	UJ	860	860	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Dimethylphthalate	ND	UJ	39	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Fluoranthene	ND	UJ	69	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Fluorene	ND	UJ	34	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Hexachlorobenzene	ND	UJ	45	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Hexachlorobutadiene	ND	UJ	42	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	UJ	79	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Hexachloroethane	ND	UJ	51	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	60	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Isophorone	ND	UJ	37	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	71	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	UJ	120	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	UJ	41	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Naphthalene	ND	UJ	42	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Nitrobenzene	ND	UJ	45	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Pentachlorophenol	ND	UJ	44	1700	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Phenanthrene	ND	UJ	30	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Phenol	ND	UJ	47	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	Pyrene	ND	UJ	51	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	40	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	53	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	66	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	47	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	1	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.48	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.61	11	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.39	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,1-Dichloroethane	ND	U	0.6	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	1.3	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.47	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.2	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.3	11	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.48	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	U	0.41	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	0.51	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	0.51	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	0.94	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	U	0.61	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.6	56	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	2-Hexanone	ND	U	2.6	28	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.65	28	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Acetone	ND	U	21	112	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Benzene	2.7	J	0.52	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Bromochloromethane	ND	U	0.47	11	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.33	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Bromoform	ND	U	1.1	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Bromomethane	ND	U	0.8	11	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Carbon Disulfide	ND	U	3	15	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	0.98	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Chlorobenzene	ND	U	2.8	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Chloroethane	16		1.2	11	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Chloroform	ND	U	0.61	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Chloromethane	ND	U	0.58	11	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Cyclohexane	5.9		0.6	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.38	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	1.2	11	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Ethylbenzene	0.88	J	0.84	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.98	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Methyl Acetate	ND	U	1.8	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Methylcyclohexane	9.3		0.33	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Methylene Chloride	ND	U	0.69	11	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Styrene	ND	U	0.39	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.36	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	1.1	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Toluene	4.2	J	0.96	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Trichloroethene (TCE)	ND	U	0.95	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	1	11	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Vinyl chloride	ND	U	1.2	11	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	Xylenes, Total	1.7	J	0.78	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	1.3	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	0.56	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	1.2	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-A	N1	5/24/2007	9:40	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.36	5.6	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	95	480	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	95	480	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8330	2,4,6-Trinitrotoluene	ND	U	95	480	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8330	2,4-Dinitrotoluene	ND	U	120	480	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	120	480	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	140	480	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8330	2-Nitrotoluene	ND	U	95	480	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8330	3-Nitrotoluene	ND	U	140	480	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	95	480	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8330	4-Nitrotoluene	ND	U	95	480	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8330	HMX	ND	U	95	480	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8330	Nitrobenzene	ND	U	100	480	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8330	RDX	ND	U	95	480	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8330	Tetryl	ND	U	95	480	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Aluminum	13200		13.1	52.2	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Antimony	ND	UJ	2.6	15.7	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Arsenic	5.3		0.39	1.3	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Barium	63.5	J	1.3	52.2	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Beryllium	0.66	J	0.26	1.3	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Cadmium	0.55	J	0.26	1.3	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Calcium	50900		2610	13100	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Chromium	19.6	J	1.3	2.6	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Cobalt	9.2	J	1.3	13.1	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Copper	21.8	J	1.3	6.5	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Iron	20500		13.1	26.1	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Lead	17.2		0.39	[illegible]78	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Magnesium	17700		261	[illegible]0	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Manganese	721	J	2.6	7.8	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Nickel	26.6		1.3	10.4	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Potassium	2920		261	1310	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Selenium	ND	U	0.78	1.3	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Silver	ND	U	0.26	2.6	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Sodium	ND	U	261	1310	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Thallium	ND	U	0.33	0.65	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Vanadium	31.1		1.3	13.1	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW6010B	Zinc	58.7	J	2.6	5.2	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW7471A	Mercury	0.043	J	0.018	0.045	mg/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.2	17	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.2	17	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.2	17	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.2	17	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.2	17	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	130	J	4.2	17	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	300	J	4.2	17	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	33	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	UJ	50	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	UJ	34	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	UJ	51	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	UJ	54	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	UJ	34	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	UJ	45	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	UJ	24	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	UJ	27	1700	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	UJ	170	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	UJ	31	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	UJ	48	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	2-Chloronaphthalene	ND	UJ	41	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	2-Chlorophenol	ND	UJ	52	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	2-Methylnaphthalene	ND	UJ	45	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	49	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	2-Nitroaniline	ND	UJ	41	1700	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	2-Nitrophenol	ND	UJ	28	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	40	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	3-Methylphenol	ND	UJ	35	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	3-Nitroaniline	ND	UJ	60	1700	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	28	1700	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	33	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	UJ	36	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	4-Chloroaniline	ND	UJ	61	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	39	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	34	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	4-Nitroaniline	ND	UJ	130	1700	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	4-Nitrophenol	ND	UJ	100	1700	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Acenaphthene	ND	UJ	34	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Acenaphthylene	ND	UJ	25	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Anthracene	ND	UJ	35	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Benzo(a)anthracene	ND	UJ	46	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Benzo(a)pyrene	ND	UJ	29	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Benzo(b)fluoranthene	ND	UJ	40	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Benzo(g,h,i)perylene	ND	UJ	90	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Benzo(k)fluoranthene	ND	UJ	50	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Benzoic acid	ND	UJ	25	1700	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Benzyl alcohol	ND	UJ	58	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Butylbenzylphthalate	ND	UJ	38	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Carbazole	ND	UJ	46	430	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Chrysene	ND	UJ	40	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Di-n-butylphthalate	ND	UJ	39	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Di-n-octylphthalate	ND	UJ	34	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	UJ	77	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Dibenzofuran	ND	UJ	31	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Diethylphthalate	ND	UJ	850	850	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Dimethylphthalate	ND	UJ	39	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Fluoranthene	ND	UJ	68	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Fluorene	ND	UJ	33	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Hexachlorobenzene	ND	UJ	44	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Hexachlorobutadiene	ND	UJ	42	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	UJ	78	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Hexachloroethane	ND	UJ	50	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	59	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Isophorone	ND	UJ	36	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	70	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	UJ	120	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	UJ	41	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Naphthalene	ND	UJ	41	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Nitrobenzene	ND	UJ	44	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Pentachlorophenol	ND	UJ	43	1700	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Phenanthrene	ND	UJ	29	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Phenol	ND	UJ	46	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	Pyrene	ND	UJ	51	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	40	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	52	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	66	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	46	430	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	0.88	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.42	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.54	9.8	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.34	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	1,1-Dichloroethane	ND	U	0.53	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	1.2	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.41	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	9.8	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.42	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	U	0.36	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	0.45	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	0.45	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	0.82	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	U	0.54	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	49	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	2-Hexanone	ND	U	2.2	24	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.57	24	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Acetone	ND	U	20	98	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Benzene	2.5	J	0.46	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Bromochloromethane	ND	U	0.41	9.8	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.29	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Bromoform	ND	U	0.98	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Bromomethane	ND	U	0.71	9.8	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Carbon Disulfide	ND	U	3.2	13	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	0.86	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Chlorobenzene	ND	U	2.4	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Chloroethane	3.3	J	1.1	9.8	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Chloroform	ND	U	0.54	[illegible]	ug/Kg
AA1-SD04	BOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Chloromethane	ND	U	0.51	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Cyclohexane	5.4		0.53	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.33	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	1.1	9.8	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Ethylbenzene	0.83	J	0.74	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.86	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Methyl Acetate	ND	U	1.6	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Methylcyclohexane	8.5		0.29	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Methylene Chloride	ND	U	0.61	9.8	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Styrene	ND	U	0.34	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.31	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	0.95	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Toluene	3.7	J	0.84	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Trichloroethene (TCE)	ND	U	0.84	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	0.93	9.8	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Vinyl chloride	ND	U	1.1	9.8	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	Xylenes, Total	ND	U	0.69	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	0.49	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AA1-SD04-D	FD1	5/24/2007	9:40	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.31	4.9	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	91	450	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	91	450	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8330	2,4,6-Trinitrotoluene	ND	U	91	450	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8330	2,4-Dinitrotoluene	ND	U	120	450	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	120	450	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	140	450	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8330	2-Nitrotoluene	ND	U	91	450	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8330	3-Nitrotoluene	ND	U	140	450	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	91	450	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8330	4-Nitrotoluene	ND	U	91	450	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8330	HMX	ND	U	91	450	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8330	Nitrobenzene	ND	U	100	450	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8330	RDX	ND	U	91	450	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8330	Tetryl	ND	U	91	450	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Aluminum	10200		13.9	55.6	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Antimony	ND	UJ	2.8	16.7	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Arsenic	6.7		0.42	1.4	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Barium	90	J	1.4	55.6	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Beryllium	0.5	J	0.28	1.4	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Cadmium	ND	U	0.28	1.4	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Calcium	5020		278	1390	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Chromium	16.1	J	1.4	2.8	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Cobalt	5.5	J	1.4	13.9	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Copper	14.5	J	1.4	6.9	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Iron	18200		13.9	27.8	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Lead	27.4		0.42	0.83	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Magnesium	2610		278	1390	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Manganese	109	J	1.4	4.2	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Nickel	14.4		1.4	11.1	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Potassium	1560	J	278	1390	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Selenium	ND	U	0.83	1.4	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Silver	ND	U	0.28	2.8	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Sodium	ND	U	278	1390	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Thallium	ND	U	0.35	0.69	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Vanadium	25.1		1.4	13.9	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW6010B	Zinc	43.2		2.8	5.6	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW7471A	Mercury	0.049		0.018	0.045	mg/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.6	18	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.6	18	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.6	18	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.6	18	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.6	18	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	25		4.6	18	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	68		4.6	18	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	36	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	UJ	54	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	UJ	37	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	UJ	55	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	UJ	58	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	UJ	37	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	UJ	48	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	UJ	26	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	UJ	29	1800	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	UJ	180	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	UJ	33	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	UJ	52	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	2-Chloronaphthalene	ND	UJ	44	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	2-Chlorophenol	ND	UJ	56	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	2-Methylnaphthalene	ND	UJ	48	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	53	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	2-Nitroaniline	ND	UJ	44	1800	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	2-Nitrophenol	ND	UJ	30	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	43	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	3-Methylphenol	ND	UJ	37	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	3-Nitroaniline	ND	UJ	65	1800	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	30	1800	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	36	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	UJ	38	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	4-Chloroaniline	ND	UJ	66	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	42	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	36	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	4-Nitroaniline	ND	UJ	140	1800	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	4-Nitrophenol	ND	UJ	110	1800	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Acenaphthene	ND	UJ	36	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Acenaphthylene	ND	UJ	27	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Anthracene	ND	UJ	38	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Benzo(a)anthracene	ND	UJ	50	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Benzo(a)pyrene	ND	UJ	32	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Benzo(b)fluoranthene	100	J	43	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Benzo(g,h,i)perylene	ND	UJ	97	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Benzo(k)fluoranthene	92	J	54	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Benzoic acid	ND	UJ	27	1800	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Benzyl alcohol	ND	UJ	62	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Butylbenzylphthalate	ND	UJ	41	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Carbazole	ND	UJ	50	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Chrysene	62	J	43	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Di-n-butylphthalate	ND	UJ	42	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Di-n-octylphthalate	ND	UJ	37	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	UJ	83	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Dibenzofuran	ND	UJ	34	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Diethylphthalate	ND	UJ	920	920	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Dimethylphthalate	ND	UJ	42	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Fluoranthene	ND	UJ	74	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Fluorene	ND	UJ	36	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Hexachlorobenzene	ND	UJ	48	[illegible]	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Hexachlorobutadiene	ND	UJ	45	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	UJ	84	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Hexachloroethane	ND	UJ	54	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	64	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Isophorone	ND	UJ	39	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	76	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	UJ	130	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	UJ	44	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Naphthalene	ND	UJ	45	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Nitrobenzene	ND	UJ	48	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Pentachlorophenol	ND	UJ	46	1800	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Phenanthrene	ND	UJ	31	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Phenol	ND	UJ	50	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	Pyrene	65	J	55	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	43	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	56	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	71	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	50	460	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	1.3	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.62	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.8	14	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.51	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	1,1-Dichloroethane	ND	U	0.78	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	1.7	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.61	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.26	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.7	14	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.62	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	U	0.54	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	0.67	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	0.67	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	1.2	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	U	0.8	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	2	73	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	2-Hexanone	ND	U	3.3	36	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.84	36	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Acetone	ND	U	34	146	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Benzene	ND	U	0.68	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Bromochloromethane	ND	U	0.61	14	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.44	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Bromoform	ND	U	1.4	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Bromomethane	ND	U	1	14	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Carbon Disulfide	ND	U	2.6	19	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	1.3	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Chlorobenzene	ND	U	3.6	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Chloroethane	ND	U	1.6	14	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Chloroform	ND	U	0.8	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Chloromethane	ND	U	0.76	14	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Cyclohexane	1.4	J	0.78	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.49	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	1.6	14	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Ethylbenzene	ND	U	1.1	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	1.3	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Methyl Acetate	ND	U	2.3	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Methylcyclohexane	0.55	J	0.44	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Methylene Chloride	ND	U	0.9	14	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Styrene	ND	U	0.51	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.46	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	1.4	7.3	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Toluene	ND	U	1.2	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Trichloroethene (TCE)	ND	U	1.2	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	1.4	14	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Vinyl chloride	ND	U	1.6	14	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	Xylenes, Total	ND	U	1	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	1.7	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	0.73	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	1.6	7.3	ug/Kg
AA1-SD05	PBOW-07-SD-AA1-SD05-A	N1	5/23/2007	12:40	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.46	7.3	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	80	400	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	80	400	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8330	2,4,6-Trinitrotoluene	230	J	80	400	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8330	2,4-Dinitrotoluene	240	J	100	400	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	100	400	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	120	400	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8330	2-Nitrotoluene	ND	U	80	400	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8330	3-Nitrotoluene	ND	U	120	400	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	80	400	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8330	4-Nitrotoluene	ND	U	80	400	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8330	HMX	ND	U	80	400	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8330	Nitrobenzene	ND	U	88	400	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8330	RDX	ND	U	80	400	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8330	Tetryl	ND	U	80	400	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Aluminum	7930		12.9	51.5	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Antimony	ND	UJ	2.6	15.5	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Arsenic	4.2		0.39	1.3	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Barium	68.9	J	1.3	51.5	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Beryllium	0.45	J	0.26	1.3	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Cadmium	ND	U	0.26	1.3	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Calcium	3350		258	1290	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Chromium	11.3	J	1.3	2.6	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Cobalt	2.8	J	1.3	12.9	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Copper	12.5	J	1.3	6.4	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Iron	9510		12.9	25.8	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Lead	77.3		0.39	0.77	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Magnesium	1220	J	258	1290	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Manganese	77.1	J	1.3	3.9	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Nickel	9.2	J	1.3	10.3	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Potassium	1090	J	258	1290	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Selenium	ND	U	0.77	1.3	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Silver	ND	U	0.26	2.6	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Sodium	ND	U	258	1290	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Thallium	ND	U	0.32	0.64	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Vanadium	18		1.3	12.9	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW6010B	Zinc	48	J	2.6	5.2	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW7471A	Mercury	0.053		0.016	0.04	mg/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.2	17	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.2	17	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.2	17	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.2	17	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.2	17	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	690		4.2	17	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	1800		21	83	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	33	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	UJ	50	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	UJ	34	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	UJ	51	0	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	UJ	54	0	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	UJ	34	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	UJ	44	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	UJ	24	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	UJ	27	1700	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	UJ	170	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	2,4-Dinitrotoluene	93	J	31	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	UJ	48	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	2-Chloronaphthalene	ND	UJ	41	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	2-Chlorophenol	ND	UJ	52	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	2-Methylnaphthalene	ND	UJ	44	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	49	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	2-Nitroaniline	ND	UJ	41	1700	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	2-Nitrophenol	ND	UJ	28	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	40	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	3-Methylphenol	ND	UJ	35	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	3-Nitroaniline	ND	UJ	60	1700	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	28	1700	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	33	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	UJ	35	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	4-Chloroaniline	ND	UJ	61	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	39	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	34	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	4-Nitroaniline	ND	UJ	130	1700	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	4-Nitrophenol	ND	UJ	100	1700	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Acenaphthene	ND	UJ	34	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Acenaphthylene	ND	UJ	25	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Anthracene	ND	UJ	35	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Benzo(a)anthracene	210	J	46	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Benzo(a)pyrene	190	J	29	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Benzo(b)fluoranthene	240	J	40	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Benzo(g,h,i)perylene	ND	UJ	90	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Benzo(k)fluoranthene	270	J	50	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Benzoic acid	ND	UJ	25	1700	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Benzyl alcohol	ND	UJ	57	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Butylbenzylphthalate	ND	UJ	38	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Carbazole	ND	UJ	46	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Chrysene	260	J	39	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Di-n-butylphthalate	ND	UJ	45	530	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Di-n-octylphthalate	ND	UJ	34	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	UJ	77	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Dibenzofuran	ND	UJ	31	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Diethylphthalate	ND	UJ	850	850	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Dimethylphthalate	ND	UJ	39	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Fluoranthene	330	J	68	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Fluorene	ND	UJ	33	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Hexachlorobenzene	ND	UJ	44	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Hexachlorobutadiene	ND	UJ	42	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	UJ	78	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Hexachloroethane	ND	UJ	50	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	240	J	59	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Isophorone	ND	UJ	36	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	70	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	UJ	120	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	UJ	41	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Naphthalene	ND	UJ	41	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Nitrobenzene	ND	UJ	44	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Pentachlorophenol	ND	UJ	43	1700	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Phenanthrene	110	J	29	420	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Phenol	ND	UJ	46	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	Pyrene	290	J	51	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	39	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	52	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	65	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	46	420	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	0.9	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.43	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.55	10	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.35	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	1,1-Dichloroethane	ND	U	0.54	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	1.2	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.42	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.43	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	U	0.37	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	0.46	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	0.46	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	0.84	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	U	0.55	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	3	J	1.4	50	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	2-Hexanone	ND	U	2.3	25	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.58	25	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Acetone	ND	U	26	100	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Benzene	ND	U	0.47	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Bromochloromethane	ND	U	0.42	10	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.3	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Bromoform	ND	U	1	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Bromomethane	ND	U	0.72	10	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Carbon Disulfide	ND	UJ	1.3	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	0.88	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Chlorobenzene	ND	U	2.5	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Chloroethane	ND	U	1.1	10	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Chloroform	ND	U	0.55	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Chloromethane	ND	U	0.52	10	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Cyclohexane	ND	U	0.54	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.34	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Ethylbenzene	ND	U	0.75	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.88	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Methyl Acetate	ND	U	1.6	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Methylcyclohexane	ND	U	0.3	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Methylene Chloride	ND	U	0.62	10	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Styrene	ND	U	0.35	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.32	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	0.96	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Toluene	ND	U	0.86	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Trichloroethene (TCE)	ND	U	0.84	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	0.94	10	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Vinyl chloride	ND	U	1.1	10	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	Xylenes, Total	ND	U	0.7	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	0.5	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5	ug/Kg
AA1-SD06	PBOW-07-SD-AA1-SD06-A	N1	5/23/2007	12:50	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.32	5	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	87	10	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	87	10	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8330	2,4,6-Trinitrotoluene	ND	U	87	430	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8330	2,4-Dinitrotoluene	ND	U	110	430	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	110	430	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	130	430	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8330	2-Nitrotoluene	ND	U	87	430	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8330	3-Nitrotoluene	ND	U	130	430	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	87	430	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8330	4-Nitrotoluene	ND	U	87	430	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8330	HMX	ND	U	87	430	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8330	Nitrobenzene	ND	U	96	430	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8330	RDX	920		87	430	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8330	Tetryl	ND	U	87	430	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Aluminum	8280		13.6	54.3	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Antimony	ND	UJ	2.7	16.3	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Arsenic	5		0.41	1.4	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Barium	48	J	1.4	54.3	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Beryllium	0.5	J	0.27	1.4	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Cadmium	ND	U	0.27	1.4	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Calcium	3140		272	1360	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Chromium	12.6	J	1.4	2.7	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Cobalt	5.6	J	1.4	13.6	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Copper	12.2	J	1.4	6.8	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Iron	13300		13.6	27.2	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Lead	27.8		0.41	0.82	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Magnesium	1660		272	1360	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Manganese	159	J	1.4	4.1	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Nickel	16.3		1.4	10.9	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Potassium	1270	J	272	1360	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Selenium	ND	U	0.81	1.4	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Silver	ND	U	0.27	2.7	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Sodium	ND	U	272	1360	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Thallium	ND	U	0.34	0.68	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Vanadium	21		1.4	13.6	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW6010B	Zinc	60.3	J	2.7	5.4	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW7471A	Mercury	0.032	J	0.017	0.042	mg/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.3	17	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.3	17	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.3	17	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.3	17	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.3	17	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	150		4.3	17	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	290		4.3	17	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	35	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	UJ	53	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	UJ	36	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	UJ	54	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	UJ	57	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	UJ	36	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	UJ	47	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	UJ	25	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	UJ	29	1800	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	UJ	180	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	UJ	32	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	UJ	51	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	2-Chloronaphthalene	ND	UJ	43	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	2-Chlorophenol	ND	UJ	55	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	2-Methylnaphthalene	ND	UJ	47	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	52	450	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	2-Nitroaniline	ND	UJ	43	1800	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	2-Nitrophenol	ND	UJ	30	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	42	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	3-Methylphenol	ND	UJ	36	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	3-Nitroaniline	ND	UJ	64	1800	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	29	1800	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	35	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	UJ	37	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	4-Chloroaniline	ND	UJ	64	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	41	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	36	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	4-Nitroaniline	ND	UJ	130	1800	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	4-Nitrophenol	ND	UJ	110	1800	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Acenaphthene	ND	UJ	36	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Acenaphthylene	ND	UJ	26	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Anthracene	ND	UJ	37	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Benzo(a)anthracene	170	J	49	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Benzo(a)pyrene	180	J	31	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Benzo(b)fluoranthene	260	J	42	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Benzo(g,h,i)perylene	ND	UJ	95	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Benzo(k)fluoranthene	180	J	53	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Benzoic acid	ND	UJ	26	1800	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Benzyl alcohol	ND	UJ	60	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Butylbenzylphthalate	ND	UJ	40	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Carbazole	ND	UJ	49	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Chrysene	210	J	42	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Di-n-butylphthalate	ND	UJ	86	570	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Di-n-octylphthalate	ND	UJ	36	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	UJ	81	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Dibenzofuran	ND	UJ	33	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Diethylphthalate	ND	UJ	900	900	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Dimethylphthalate	ND	UJ	41	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Fluoranthene	300	J	72	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Fluorene	ND	UJ	35	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Hexachlorobenzene	ND	UJ	47	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Hexachlorobutadiene	ND	UJ	44	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	UJ	82	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Hexachloroethane	ND	UJ	53	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	62	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Isophorone	ND	UJ	38	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	74	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	UJ	130	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	UJ	43	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Naphthalene	ND	UJ	44	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Nitrobenzene	ND	UJ	46	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Pentachlorophenol	ND	UJ	45	1800	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Phenanthrene	99	J	31	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Phenol	ND	UJ	48	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	Pyrene	300	J	53	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	42	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	55	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	69	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	54	J	48	450	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	1.1	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.54	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.68	12	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.44	[illegible]	ug/Kg
AA1-SD07	BOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	1,1-Dichloroethane	ND	U	0.67	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	1.5	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.52	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.22	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.5	12	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.54	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	U	0.46	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	0.57	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	0.57	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	1	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	U	0.68	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	7	J	1.7	62	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	2-Hexanone	ND	U	2.9	31	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.72	31	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Acetone	67		2.5	62	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Benzene	ND	U	0.58	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Bromochloromethane	ND	U	0.52	12	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.37	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Bromoform	ND	U	1.2	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Bromomethane	ND	U	0.9	12	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Carbon Disulfide	2.6	J	1.6	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	1.1	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Chlorobenzene	ND	U	3.1	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Chloroethane	ND	U	1.4	12	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Chloroform	ND	U	0.68	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Chloromethane	ND	U	0.65	12	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Cyclohexane	ND	U	0.67	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.42	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	1.4	12	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Ethylbenzene	ND	U	0.93	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	1.1	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Methyl Acetate	ND	U	2	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Methylcyclohexane	ND	U	0.37	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Methylene Chloride	ND	U	0.77	12	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Styrene	ND	U	0.44	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.4	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	1.2	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Toluene	ND	U	1.1	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Trichloroethene (TCE)	ND	U	1	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	1.2	12	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Vinyl chloride	ND	U	1.4	12	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	Xylenes, Total	ND	U	0.87	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	1.5	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	0.62	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	1.4	6.2	ug/Kg
AA1-SD07	PBOW-07-SD-AA1-SD07-A	N1	5/24/2007	10:10	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.4	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	83	420	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	83	420	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8330	2,4,6-Trinitrotoluene	ND	U	83	420	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8330	2,4-Dinitrotoluene	ND	U	110	420	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	110	420	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	120	420	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8330	2-Nitrotoluene	ND	U	83	420	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8330	3-Nitrotoluene	ND	U	120	420	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	83	420	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8330	4-Nitrotoluene	ND	U	83	420	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8330	HMX	ND	U	83	420	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8330	Nitrobenzene	ND	U	92	420	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8330	RDX	ND	U	83	420	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8330	Tetryl	ND	U	83	420	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Aluminum	24500		15.2	60.6	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Antimony	ND	UJ	3	18.2	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Arsenic	8.5		0.45	1.5	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Barium	105	J	1.5	60.6	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Beryllium	1.3	J	0.3	1.5	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Cadmium	0.53	J	0.3	1.5	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Calcium	5100		303	1520	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Chromium	34.4	J	1.5	3	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Cobalt	13.7	J	1.5	15.2	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Copper	27.7	J	1.5	7.6	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Iron	31800		15.2	30.3	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Lead	29.1		0.46	0.91	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Magnesium	5320		303	1520	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Manganese	210	J	1.5	4.5	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Nickel	45.9		1.5	12.1	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Potassium	4360		303	1520	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Selenium	0.94	J	0.91	1.5	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Silver	ND	U	0.3	3	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Sodium	ND	U	303	1520	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Thallium	ND	U	0.38	0.76	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Vanadium	48.6		1.5	15.2	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW6010B	Zinc	234	J	3	6.1	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW7471A	Mercury	0.03	J	0.02	0.049	mg/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.9	20	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.9	20	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.9	20	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.9	20	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.9	20	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	ND	U	4.9	20	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	8.8	J	4.9	20	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	38	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	UJ	58	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	UJ	40	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	UJ	59	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	UJ	63	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	UJ	40	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	UJ	52	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	UJ	28	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	UJ	32	2000	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	UJ	200	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	UJ	36	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	UJ	56	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	2-Chloronaphthalene	ND	UJ	47	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	2-Chlorophenol	ND	UJ	60	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	2-Methylnaphthalene	ND	UJ	52	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	57	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	2-Nitroaniline	ND	UJ	48	2000	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	2-Nitrophenol	ND	UJ	33	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	47	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	3-Methylphenol	ND	UJ	40	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	3-Nitroaniline	ND	UJ	70	2000	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	32	2000	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	38	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	UJ	41	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	4-Chloroaniline	ND	UJ	71	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	46	90	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	39	90	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	4-Nitroaniline	ND	UJ	150	2000	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	4-Nitrophenol	ND	UJ	120	2000	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Acenaphthene	ND	UJ	39	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Acenaphthylene	ND	UJ	29	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Anthracene	ND	UJ	40	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Benzo(a)anthracene	ND	UJ	54	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Benzo(a)pyrene	ND	UJ	34	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Benzo(b)fluoranthene	59	J	47	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Benzo(g,h,i)perylene	ND	UJ	100	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Benzo(k)fluoranthene	68	J	58	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Benzoic acid	ND	UJ	29	2000	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Benzyl alcohol	ND	UJ	67	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Butylbenzylphthalate	ND	UJ	44	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Carbazole	ND	UJ	54	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Chrysene	ND	UJ	46	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Di-n-butylphthalate	ND	UJ	170	620	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Di-n-octylphthalate	ND	UJ	40	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	UJ	89	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Dibenzofuran	ND	UJ	36	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Diethylphthalate	ND	UJ	990	990	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Dimethylphthalate	ND	UJ	45	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Fluoranthene	ND	UJ	79	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Fluorene	ND	UJ	39	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Hexachlorobenzene	ND	UJ	51	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Hexachlorobutadiene	ND	UJ	48	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	UJ	91	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Hexachloroethane	ND	UJ	58	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	68	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Isophorone	ND	UJ	42	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	81	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	UJ	140	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	UJ	47	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Naphthalene	ND	UJ	48	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Nitrobenzene	ND	UJ	51	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Pentachlorophenol	ND	UJ	50	2000	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Phenanthrene	ND	UJ	34	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Phenol	ND	UJ	53	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	Pyrene	ND	UJ	59	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	46	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	60	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	76	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	54	490	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	1.1	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.53	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.68	12	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.43	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	1,1-Dichloroethane	ND	U	0.67	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	1.5	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.52	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.22	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.5	12	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.53	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	U	0.46	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	0.57	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	0.57	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	1	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	U	0.68	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.7	62	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	2-Hexanone	ND	U	2.8	31	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.72	31	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Acetone	53	J	2.5	62	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Benzene	2.2	J	0.58	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Bromochloromethane	ND	U	0.52	12	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.37	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Bromoform	ND	U	1.2	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Bromomethane	ND	U	0.89	12	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Carbon Disulfide	4.8	J	1.6	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	1.1	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Chlorobenzene	ND	U	3.1	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Chloroethane	ND	U	1.4	12	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Chloroform	ND	U	0.68	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Chloromethane	ND	U	0.64	12	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Cyclohexane	5.3	J	0.67	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.42	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	1.4	12	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Ethylbenzene	ND	U	0.93	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	1.1	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Methyl Acetate	ND	U	2	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Methylcyclohexane	6.7		0.37	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Methylene Chloride	ND	U	0.77	12	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Styrene	ND	U	0.43	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.4	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	1.2	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Toluene	3.4	J	1.1	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Trichloroethene (TCE)	ND	U	1	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	1.2	12	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Vinyl chloride	ND	U	1.4	12	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	Xylenes, Total	ND	U	0.87	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	1.5	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	0.62	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	1.4	6.2	ug/Kg
AA1-SD08	PBOW-07-SD-AA1-SD08-A	N1	5/24/2007	10:40	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.4	6.2	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	100	500	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	100	500	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8330	2,4,6-Trinitrotoluene	ND	U	100	500	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8330	2,4-Dinitrotoluene	ND	U	130	500	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	130	500	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	150	500	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8330	2-Nitrotoluene	ND	U	100	500	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8330	3-Nitrotoluene	ND	U	150	500	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	100	500	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8330	4-Nitrotoluene	ND	U	100	500	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8330	HMX	ND	U	100	500	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8330	Nitrobenzene	ND	U	110	500	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8330	RDX	ND	U	100	500	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8330	Tetryl	ND	U	100	500	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Aluminum	9720		12.3	49.1	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Antimony	ND	UJ	2.5	14.7	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Arsenic	7		0.37	1.2	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Barium	54.2	J	1.2	49.1	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Beryllium	0.59	J	0.25	1.2	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Cadmium	0.5	J	0.25	1.2	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Calcium	35300		2460	12300	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Chromium	15.9	J	1.2	2.5	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Cobalt	9	J	1.2	[illegible]3	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Copper	17.9	J	1.2	[illegible]	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Iron	18000		12.3	24.6	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Lead	14.3		0.37	0.74	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Magnesium	8610		246	1230	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Manganese	781	J	2.5	7.4	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Nickel	22.4		1.2	9.8	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Potassium	1940		246	1230	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Selenium	ND	U	0.74	1.2	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Silver	ND	U	0.25	2.5	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Sodium	ND	U	246	1230	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Thallium	ND	U	0.31	0.61	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Vanadium	27.7		1.2	12.3	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW6010B	Zinc	53	J	2.5	4.9	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW7471A	Mercury	0.021	J	0.016	0.04	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4	16	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4	16	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4	16	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4	16	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4	16	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	21		4	16	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	30		4	16	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	31	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	UJ	47	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	UJ	32	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	UJ	48	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	UJ	51	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	UJ	32	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	UJ	42	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	UJ	23	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	UJ	160	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	UJ	29	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	UJ	46	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	2-Chloronaphthalene	ND	UJ	39	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	2-Chlorophenol	ND	UJ	49	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	2-Methylnaphthalene	ND	UJ	42	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	47	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	2-Nitroaniline	ND	UJ	39	1600	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	2-Nitrophenol	ND	UJ	27	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	38	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	3-Methylphenol	ND	UJ	33	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	3-Nitroaniline	ND	UJ	57	1600	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	26	1600	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	31	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	UJ	34	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	4-Chloroaniline	ND	UJ	58	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	37	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	32	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	4-Nitroaniline	ND	UJ	120	1600	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	4-Nitrophenol	ND	UJ	98	1600	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Acenaphthene	ND	UJ	32	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Acenaphthylene	ND	UJ	24	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Anthracene	ND	UJ	33	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Benzo(a)anthracene	110	J	44	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Benzo(a)pyrene	ND	UJ	28	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Benzo(b)fluoranthene	110	J	38	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Benzo(g,h,i)perylene	ND	UJ	85	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Benzo(k)fluoranthene	90	J	47	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Benzoic acid	ND	UJ	24	1600	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Benzyl alcohol	ND	UJ	54	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Butylbenzylphthalate	ND	UJ	36	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Carbazole	ND	UJ	44	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Chrysene	120	J	37	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Di-n-butylphthalate	ND	UJ	37	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Di-n-octylphthalate	ND	UJ	32	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	UJ	73	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Dibenzofuran	ND	UJ	30	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Diethylphthalate	ND	UJ	800	800	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Dimethylphthalate	ND	UJ	37	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Fluoranthene	200	J	65	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Fluorene	ND	UJ	32	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Hexachlorobenzene	ND	UJ	42	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Hexachlorobutadiene	ND	UJ	40	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	UJ	74	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Hexachloroethane	ND	UJ	47	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	56	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Isophorone	ND	UJ	34	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	66	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	UJ	110	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	UJ	38	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Naphthalene	ND	UJ	39	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Nitrobenzene	ND	UJ	42	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Pentachlorophenol	ND	UJ	41	1600	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Phenanthrene	92	J	28	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Phenol	ND	UJ	44	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	Pyrene	200	J	48	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	37	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	49	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	62	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	44	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	0.91	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.43	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.56	10	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.35	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,1-Dichloroethane	ND	U	0.54	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	1.2	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.42	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.43	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	U	0.37	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	0.46	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	0.46	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	0.85	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	U	0.56	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	50	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	2-Hexanone	ND	U	2.3	25	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.58	25	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Acetone	19	J	2	50	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Benzene	1.1	J	0.47	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Bromochloromethane	ND	U	0.42	10	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.3	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Bromoform	ND	U	1	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Bromomethane	ND	U	0.73	10	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Carbon Disulfide	ND	UJ	1.3	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	0.89	[illegible]	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Chlorobenzene	ND	U	2.5	[illegible]	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Chloroethane	ND	U	1.1	10	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Chloroform	ND	U	0.56	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Chloromethane	ND	U	0.52	10	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Cyclohexane	2.2	J	0.54	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.34	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Ethylbenzene	0.76	J	0.76	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.89	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Methyl Acetate	ND	U	1.6	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Methylcyclohexane	3.3	J	0.3	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Methylene Chloride	ND	U	0.62	10	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Styrene	ND	U	0.35	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.32	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	0.98	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Toluene	2.6	J	0.87	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Trichloroethene (TCE)	ND	U	0.86	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	0.96	10	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Vinyl chloride	ND	U	1.1	10	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	Xylenes, Total	ND	U	0.71	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	0.5	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-A	N1	5/24/2007	11:15	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.32	5	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	80	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	80	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8330	2,4,6-Trinitrotoluene	ND	U	80	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8330	2,4-Dinitrotoluene	ND	U	100	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	100	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	120	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8330	2-Nitrotoluene	ND	U	80	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8330	3-Nitrotoluene	ND	U	120	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	80	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8330	4-Nitrotoluene	ND	U	80	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8330	HMX	ND	U	80	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8330	Nitrobenzene	ND	U	88	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8330	RDX	ND	U	80	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8330	Tetryl	ND	U	80	400	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Aluminum	9030		12.8	51.3	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Antimony	ND	UJ	2.6	15.4	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Arsenic	6.3		0.38	1.3	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Barium	48.6	J	1.3	51.3	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Beryllium	0.54	J	0.26	1.3	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Cadmium	0.33	J	0.26	1.3	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Calcium	36300		2560	12800	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Chromium	14.8	J	1.3	2.6	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Cobalt	9.2	J	1.3	12.8	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Copper	16.6	J	1.3	6.4	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Iron	17100		12.8	25.6	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Lead	12.5		0.39	0.77	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Magnesium	8130		256	1280	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Manganese	662	J	2.6	7.7	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Nickel	21.7		1.3	10.3	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Potassium	1850		256	1280	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Selenium	ND	U	0.77	1.3	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Silver	ND	U	0.26	2.6	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Sodium	ND	U	256	1280	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Thallium	ND	U	0.32	0.64	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Vanadium	25.3		1.3	12.8	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW6010B	Zinc	50.1	J	2.6	5.1	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW7471A	Mercury	0.02	J	0.016	0.04	mg/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.1	16	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.1	16	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.1	16	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.1	16	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.1	16	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	19		4.1	16	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	38		4.1	16	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	33	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	UJ	50	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	UJ	34	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	UJ	50	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	UJ	54	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	UJ	34	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	UJ	44	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	UJ	24	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	UJ	27	1700	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	UJ	170	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	UJ	30	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	UJ	48	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	2-Chloronaphthalene	ND	UJ	40	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	2-Chlorophenol	ND	UJ	52	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	2-Methylnaphthalene	ND	UJ	44	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	49	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	2-Nitroaniline	ND	UJ	41	1700	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	2-Nitrophenol	ND	UJ	28	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	40	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	3-Methylphenol	ND	UJ	34	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	3-Nitroaniline	ND	UJ	60	1700	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	28	1700	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	33	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	UJ	35	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	4-Chloroaniline	ND	UJ	61	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	39	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	34	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	4-Nitroaniline	ND	UJ	130	1700	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	4-Nitrophenol	ND	UJ	100	1700	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Acenaphthene	ND	UJ	33	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Acenaphthylene	ND	UJ	25	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Anthracene	ND	UJ	34	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Benzo(a)anthracene	97	J	46	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Benzo(a)pyrene	91	J	29	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Benzo(b)fluoranthene	68	J	40	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Benzo(g,h,i)perylene	ND	UJ	89	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Benzo(k)fluoranthene	93	J	50	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Benzoic acid	ND	UJ	25	1700	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Benzyl alcohol	ND	UJ	57	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Butylbenzylphthalate	ND	UJ	38	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Carbazole	ND	UJ	46	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Chrysene	100	J	39	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Di-n-butylphthalate	ND	UJ	160	530	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Di-n-octylphthalate	ND	UJ	34	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	UJ	76	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Dibenzofuran	ND	UJ	31	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Diethylphthalate	ND	UJ	840	840	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Dimethylphthalate	ND	UJ	39	[illegible]0	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Fluoranthene	190	J	68	[illegible]0	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Fluorene	ND	UJ	33	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Hexachlorobenzene	ND	UJ	44	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Hexachlorobutadiene	ND	UJ	42	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	UJ	78	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Hexachloroethane	ND	UJ	50	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	58	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Isophorone	ND	UJ	36	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	70	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	UJ	120	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	UJ	40	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Naphthalene	ND	UJ	41	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Nitrobenzene	ND	UJ	44	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Pentachlorophenol	ND	UJ	43	1700	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Phenanthrene	100	J	29	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Phenol	ND	UJ	46	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	Pyrene	160	J	50	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	39	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	52	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	65	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	56	J	46	420	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	0.88	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.42	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.54	9.8	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.34	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	1,1-Dichloroethane	ND	U	0.53	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	1.2	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.41	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	9.8	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.42	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	U	0.36	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	0.45	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	0.45	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	0.82	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	U	0.54	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	49	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	2-Hexanone	ND	U	2.2	24	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.57	24	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Acetone	ND	U	2	49	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Benzene	3.3	J	0.46	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Bromochloromethane	ND	U	0.41	9.8	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.29	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Bromoform	ND	U	0.98	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Bromomethane	ND	U	0.71	9.8	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Carbon Disulfide	5.7	J	1.3	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	0.86	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Chlorobenzene	ND	U	2.4	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Chloroethane	ND	U	1.1	9.8	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Chloroform	ND	U	0.54	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Chloromethane	ND	U	0.51	9.8	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Cyclohexane	7.8		0.53	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.33	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	1.1	9.8	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Ethylbenzene	0.91	J	0.74	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.86	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Methyl Acetate	ND	U	1.6	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Methylcyclohexane	11		0.29	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Methylene Chloride	ND	U	0.61	9.8	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Styrene	ND	U	0.34	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.31	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	0.95	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Toluene	5		0.84	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Trichloroethene (TCE)	2	J	0.83	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	0.93	9.8	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Vinyl chloride	ND	U	1.1	9.8	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	Xylenes, Total	1.8	J	0.69	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	0.49	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AA1-SD09-D	FD1	5/24/2007	11:15	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.31	4.9	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	80	400	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	80	400	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8330	2,4,6-Trinitrotoluene	590		80	400	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8330	2,4-Dinitrotoluene	490		100	400	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	100	400	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	120	400	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8330	2-Nitrotoluene	ND	U	80	400	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8330	3-Nitrotoluene	ND	U	120	400	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	80	400	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8330	4-Nitrotoluene	ND	U	80	400	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8330	HMX	ND	U	80	400	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8330	Nitrobenzene	ND	U	88	400	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8330	RDX	100	J	80	400	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8330	Tetryl	ND	U	80	400	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Aluminum	8700		13.8	55.3	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Antimony	ND	U	2.8	16.6	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Arsenic	7.2		0.41	1.4	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Barium	80.9		1.4	55.3	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Beryllium	0.67	J	0.28	1.4	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Cadmium	ND	U	0.28	1.4	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Calcium	3160		276	1380	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Chromium	11.9		1.4	2.8	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Cobalt	4.9	J	1.4	13.8	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Copper	18.8		1.4	6.9	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Iron	11000		13.8	27.6	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Lead	35.2		0.42	0.83	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Magnesium	1180	J	276	1380	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Manganese	77.2	J	1.4	4.1	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Nickel	13.2		1.4	11.1	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Potassium	1600		276	1380	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Selenium	ND	U	0.83	1.4	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Silver	ND	U	0.28	2.8	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Sodium	ND	U	276	1380	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Thallium	ND	U	0.35	0.69	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Vanadium	18.8		1.4	13.8	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW6010B	Zinc	28.5		2.8	5.5	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW7471A	Mercury	0.18		0.019	0.048	mg/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.6	18	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.6	18	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.6	18	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.6	18	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.6	18	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	79		4.6	18	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	120		4.6	18	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	35	50	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	UJ	53	50	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	UJ	36	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	UJ	54	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	UJ	58	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	UJ	36	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	UJ	48	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	UJ	26	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	UJ	29	1800	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	UJ	180	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	2,4-Dinitrotoluene	460	J	33	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	UJ	52	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	2-Chloronaphthalene	ND	UJ	44	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	2-Chlorophenol	ND	UJ	56	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	2-Methylnaphthalene	ND	UJ	48	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	53	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	2-Nitroaniline	ND	UJ	44	1800	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	2-Nitrophenol	ND	UJ	30	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	43	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	3-Methylphenol	270	J	37	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	3-Nitroaniline	ND	UJ	64	1800	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	30	1800	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	35	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	UJ	38	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	4-Chloroaniline	ND	UJ	65	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	42	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	270	J	36	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	4-Nitroaniline	ND	UJ	140	1800	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	4-Nitrophenol	ND	UJ	110	1800	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Acenaphthene	ND	UJ	36	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Acenaphthylene	ND	UJ	27	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Anthracene	ND	UJ	37	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Benzo(a)anthracene	290	J	50	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Benzo(a)pyrene	310	J	31	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Benzo(b)fluoranthene	400	J	43	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Benzo(g,h,i)perylene	ND	UJ	96	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Benzo(k)fluoranthene	360	J	54	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Benzoic acid	ND	UJ	26	1800	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Benzyl alcohol	ND	UJ	61	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Butylbenzylphthalate	ND	UJ	40	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Carbazole	ND	UJ	49	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Chrysene	400	J	42	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Di-n-butylphthalate	ND	UJ	67	570	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Di-n-octylphthalate	ND	UJ	37	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	UJ	82	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Dibenzofuran	ND	UJ	33	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Diethylphthalate	ND	UJ	910	910	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Dimethylphthalate	ND	UJ	42	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Fluoranthene	540	J	73	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Fluorene	ND	UJ	36	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Hexachlorobenzene	ND	UJ	47	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Hexachlorobutadiene	ND	UJ	45	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	UJ	83	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Hexachloroethane	ND	UJ	54	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	360	J	63	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Isophorone	ND	UJ	39	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	75	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	UJ	130	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	UJ	44	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Naphthalene	ND	UJ	44	450	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Nitrobenzene	ND	UJ	47	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Pentachlorophenol	ND	UJ	46	1800	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Phenanthrene	200	J	31	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Phenol	ND	UJ	49	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	Pyrene	540	J	54	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	42	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	56	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	70	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	49	450	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	1.3	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.61	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.78	14	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.49	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	1,1-Dichloroethane	ND	U	0.76	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	1.7	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.59	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.25	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.7	14	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.61	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	U	0.52	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	0.65	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	0.65	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	1.2	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	U	0.78	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	8.2	J	2	70	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	2-Hexanone	ND	U	3.2	35	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.82	35	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Acetone	70	J	2.8	70	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Benzene	ND	U	0.66	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Bromochloromethane	ND	U	0.59	14	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.42	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Bromoform	ND	U	1.4	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Bromomethane	ND	U	1	14	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Carbon Disulfide	5.1	J	1.8	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	1.2	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Chlorobenzene	ND	U	3.5	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Chloroethane	ND	U	1.6	14	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Chloroform	ND	U	0.78	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Chloromethane	ND	U	0.73	14	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Cyclohexane	ND	U	0.76	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.48	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	1.6	14	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Ethylbenzene	ND	U	1	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	1.2	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Methyl Acetate	ND	U	2.2	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Methylcyclohexane	ND	U	0.42	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Methylene Chloride	ND	U	0.87	14	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Styrene	ND	U	0.49	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.45	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	1.4	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Toluene	ND	U	1.2	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Trichloroethene (TCE)	ND	U	1.2	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	1.3	14	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Vinyl chloride	ND	U	1.6	14	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	Xylenes, Total	ND	U	0.99	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	1.7	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	0.7	7	ug/Kg
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	1.6	7	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD10	PBOW-07-SD-AA1-SD10-A	N1	5/24/2007	11:50	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.45	7	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	91	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	91	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8330	2,4,6-Trinitrotoluene	ND	U	91	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8330	2,4-Dinitrotoluene	ND	U	120	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	120	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	140	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8330	2-Nitrotoluene	ND	U	91	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8330	3-Nitrotoluene	ND	U	140	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	91	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8330	4-Nitrotoluene	ND	U	91	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8330	HMX	ND	U	91	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8330	Nitrobenzene	ND	U	100	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8330	RDX	ND	U	91	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8330	Tetryl	ND	U	91	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Aluminum	16300		13.8	55.3	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Antimony	ND	UJ	2.8	16.6	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Arsenic	7.9		0.41	1.4	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Barium	103	J	1.4	55.3	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Beryllium	0.86	J	0.28	1.4	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Cadmium	0.33	J	0.28	1.4	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Calcium	30200		1380	6900	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Chromium	23.7	J	1.4	2.8	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Cobalt	11.7	J	1.4	13.8	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Copper	32.2	J	1.4	6.9	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Iron	26100		13.8	27.6	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Lead	70		0.42	0.83	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Magnesium	8940		276	1380	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Manganese	563	J	1.4	4.1	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Nickel	31.5		1.4	11.1	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Potassium	3150		276	1380	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Selenium	ND	U	0.83	1.4	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Silver	ND	U	0.28	2.8	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Sodium	ND	U	276	1380	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Thallium	ND	U	0.35	0.69	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Vanadium	35.8		1.4	13.8	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW6010B	Zinc	83.6	J	2.8	5.5	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW7471A	Mercury	0.13		0.018	0.045	mg/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.5	18	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.5	18	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.5	18	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.5	18	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.5	18	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	560		4.5	18	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	620		4.5	18	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	35	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	UJ	53	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	UJ	36	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	UJ	54	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	UJ	58	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	UJ	36	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	UJ	47	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	UJ	26	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	UJ	29	1800	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	UJ	180	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	UJ	32	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	UJ	51	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	2-Chloronaphthalene	ND	UJ	43	450	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	2-Chlorophenol	ND	UJ	55	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	2-Methylnaphthalene	ND	UJ	47	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	52	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	2-Nitroaniline	ND	UJ	43	1800	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	2-Nitrophenol	ND	UJ	30	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	43	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	3-Methylphenol	ND	UJ	37	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	3-Nitroaniline	ND	UJ	64	1800	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	30	1800	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	35	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	UJ	38	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	4-Chloroaniline	ND	UJ	65	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	42	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	36	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	4-Nitroaniline	ND	UJ	140	1800	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	4-Nitrophenol	ND	UJ	110	1800	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Acenaphthene	ND	UJ	36	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Acenaphthylene	ND	UJ	26	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Anthracene	ND	UJ	37	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Benzo(a)anthracene	ND	UJ	49	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Benzo(a)pyrene	ND	UJ	31	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Benzo(b)fluoranthene	67	J	43	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Benzo(g,h,i)perylene	ND	UJ	96	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Benzo(k)fluoranthene	ND	UJ	53	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Benzoic acid	ND	UJ	26	1800	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Benzyl alcohol	ND	UJ	61	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Butylbenzylphthalate	ND	UJ	40	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Carbazole	ND	UJ	49	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Chrysene	ND	UJ	42	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Di-n-butylphthalate	ND	UJ	41	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Di-n-octylphthalate	ND	UJ	36	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	UJ	81	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Dibenzofuran	ND	UJ	33	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Diethylphthalate	ND	UJ	900	900	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Dimethylphthalate	ND	UJ	41	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Fluoranthene	100	J	72	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Fluorene	ND	UJ	35	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Hexachlorobenzene	ND	UJ	47	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Hexachlorobutadiene	ND	UJ	44	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	UJ	83	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Hexachloroethane	ND	UJ	53	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	62	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Isophorone	ND	UJ	38	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	74	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	UJ	130	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	UJ	43	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Naphthalene	ND	UJ	44	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Nitrobenzene	ND	UJ	47	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Pentachlorophenol	ND	UJ	46	1800	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Phenanthrene	46	J	31	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Phenol	ND	UJ	49	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	Pyrene	130	J	54	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	42	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	55	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	69	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	49	450	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	1.1	5	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.51	5	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.65	12	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.42	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	1,1-Dichloroethane	ND	U	0.64	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	1.4	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.5	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.21	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.4	12	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.51	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	U	0.44	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	0.55	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	0.55	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	1	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	U	0.65	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.7	60	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	2-Hexanone	ND	U	2.7	30	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.69	30	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Acetone	35	J	2.4	60	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Benzene	0.76	J	0.56	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Bromochloromethane	ND	U	0.5	12	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.36	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Bromoform	ND	U	1.2	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Bromomethane	ND	U	0.86	12	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Carbon Disulfide	11	J	1.5	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	1	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Chlorobenzene	ND	U	3	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Chloroethane	ND	U	1.3	12	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Chloroform	ND	U	0.65	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Chloromethane	ND	U	0.62	12	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Cyclohexane	3.4	J	0.64	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.4	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	1.3	12	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Ethylbenzene	ND	U	0.89	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	1	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Methyl Acetate	ND	U	1.9	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Methylcyclohexane	5	J	0.36	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Methylene Chloride	ND	U	0.74	12	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Styrene	ND	U	0.42	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.38	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	1.2	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Toluene	ND	U	1.3	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Trichloroethene (TCE)	ND	U	1	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	1.1	12	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Vinyl chloride	ND	U	1.3	12	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	Xylenes, Total	ND	U	0.83	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	cis-1,2-Dichloroethene	2.8	J	1.4	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	0.6	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	1.3	6	ug/Kg
AA1-SD11	PBOW-07-SD-AA1-SD11-A	N1	5/24/2007	12:15	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.38	6	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	87	430	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	87	430	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8330	2,4,6-Trinitrotoluene	ND	U	87	430	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8330	2,4-Dinitrotoluene	ND	U	110	430	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	110	430	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	130	430	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8330	2-Nitrotoluene	ND	U	87	430	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8330	3-Nitrotoluene	ND	U	130	430	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	87	430	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8330	4-Nitrotoluene	ND	U	87	430	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8330	HMX	ND	U	87	430	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8330	Nitrobenzene	ND	U	96	430	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8330	RDX	ND	U	87	430	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8330	Tetryl	ND	U	87	430	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Aluminum	12300		18.1	72.4	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Antimony	ND	UJ	3.6	21.7	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Arsenic	5.3		0.54	1.8	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Barium	68.7	J	1.8	72.4	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Beryllium	0.67	J	0.36	1.8	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Cadmium	0.55	J	0.36	1.8	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Calcium	23700		724	3620	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Chromium	18.4	J	1.8	3.6	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Cobalt	10.2	J	1.8	18.1	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Copper	21	J	1.8	9	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Iron	17800		18.1	36.2	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Lead	14.7		0.54	1.1	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Magnesium	8650		362	1810	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Manganese	638	J	1.8	5.4	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Nickel	25.4		1.8	14.5	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Potassium	2720		362	1810	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Selenium	ND	U	1.1	1.8	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Silver	ND	U	0.36	3.6	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Sodium	ND	U	362	1810	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Thallium	ND	U	0.45	0.9	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Vanadium	27		1.8	18.1	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW6010B	Zinc	87.3	J	3.6	7.2	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW7471A	Mercury	0.046	J	0.024	0.059	mg/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	5.9	24	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5.9	24	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5.9	24	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	5.9	24	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	5.9	24	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	360		5.9	24	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	ND	U	5.9	24	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	47	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	UJ	71	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	UJ	48	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	UJ	72	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	UJ	77	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	UJ	48	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	UJ	63	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	UJ	34	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	UJ	39	2400	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	UJ	240	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	UJ	44	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	UJ	69	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	2-Chloronaphthalene	ND	UJ	58	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	2-Chlorophenol	ND	UJ	74	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	2-Methylnaphthalene	280	J	63	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	70	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	2-Nitroaniline	ND	UJ	58	2400	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	2-Nitrophenol	ND	UJ	40	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	57	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	3-Methylphenol	ND	UJ	49	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	3-Nitroaniline	ND	UJ	86	2400	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	40	2400	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	47	[illegible]00	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	UJ	50	[illegible]00	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	4-Chloroaniline	ND	UJ	87	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	56	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	48	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	4-Nitroaniline	ND	UJ	180	2400	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	4-Nitrophenol	ND	UJ	150	2400	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Acenaphthene	ND	UJ	48	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Acenaphthylene	ND	UJ	36	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Anthracene	61	J	49	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Benzo(a)anthracene	150	J	66	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Benzo(a)pyrene	ND	UJ	42	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Benzo(b)fluoranthene	120	J	57	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Benzo(g,h,i)perylene	ND	UJ	130	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Benzo(k)fluoranthene	140	J	71	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Benzoic acid	ND	UJ	35	2400	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Benzyl alcohol	ND	UJ	82	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Butylbenzylphthalate	ND	UJ	54	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Carbazole	ND	UJ	66	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Chrysene	180	J	56	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Di-n-butylphthalate	ND	UJ	55	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Di-n-octylphthalate	ND	UJ	49	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	UJ	110	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Dibenzofuran	91	J	44	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Diethylphthalate	ND	UJ	1200	1200	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Dimethylphthalate	ND	UJ	55	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Fluoranthene	280	J	97	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Fluorene	ND	UJ	47	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Hexachlorobenzene	ND	UJ	63	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Hexachlorobutadiene	ND	UJ	59	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	UJ	110	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Hexachloroethane	ND	UJ	71	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	84	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Isophorone	ND	UJ	51	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	99	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	UJ	170	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	UJ	58	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Naphthalene	210	J	59	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Nitrobenzene	ND	UJ	63	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Pentachlorophenol	ND	UJ	61	2400	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Phenanthrene	310	J	41	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Phenol	ND	UJ	65	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	Pyrene	260	J	72	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	56	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	74	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	93	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	65	600	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	2.5	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	1.2	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	1.5	28	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.97	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	1,1-Dichloroethane	2.3	J	1.5	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	3.3	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	1.2	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.5	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	3.3	28	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	1.2	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	U	1	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	1.3	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	1.3	14	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	2.3	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	U	1.5	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	3.9	140	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	2-Hexanone	ND	U	6.4	69	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.6	69	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Acetone	260		5.5	140	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Benzene	7.8	J	1.3	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Bromochloromethane	ND	U	1.2	28	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.83	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Bromoform	ND	U	2.8	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Bromomethane	ND	U	2	28	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Carbon Disulfide	17	J	3.6	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	2.4	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Chlorobenzene	ND	U	6.9	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Chloroethane	ND	U	3	28	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Chloroform	ND	U	1.5	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Chloromethane	ND	U	1.4	28	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Cyclohexane	29		1.5	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.94	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	3	28	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Ethylbenzene	3.5	J	2.1	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	2.4	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Methyl Acetate	ND	U	4.4	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Methylcyclohexane	37		0.83	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Methylene Chloride	ND	U	1.7	28	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Styrene	ND	U	0.97	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.88	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	2.7	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Toluene	20		2.4	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Trichloroethene (TCE)	4	J	2.4	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	2.6	28	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Vinyl chloride	ND	U	3	28	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	Xylenes, Total	12	J	1.9	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	3.3	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	1.4	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	3	14	ug/Kg
AA1-SD12	PBOW-07-SD-AA1-SD12-A	N1	5/24/2007	12:30	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.88	14	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	87	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	87	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8330	2,4,6-Trinitrotoluene	ND	U	87	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8330	2,4-Dinitrotoluene	ND	U	110	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	110	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	130	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8330	2-Nitrotoluene	ND	U	87	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8330	3-Nitrotoluene	ND	U	130	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	87	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8330	4-Nitrotoluene	320	J	87	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8330	HMX	ND	U	87	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8330	Nitrobenzene	ND	U	96	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8330	RDX	ND	U	87	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8330	Tetryl	ND	U	87	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Aluminum	5610		12.9	51.5	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Antimony	ND	UJ	2.6	15.5	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Arsenic	5		0.39	1.3	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Barium	23.7	J	1.3	51.5	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Beryllium	0.36	J	0.26	1.3	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Cadmium	0.46	J	0.26	[illegible]3	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Calcium	114000		6450	[illegible]00	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Chromium	10.7	J	1.3	2.6	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Cobalt	3.7	J	1.3	12.9	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Copper	9.8	J	1.3	6.4	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Iron	12600		12.9	25.8	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Lead	16.4		0.39	0.77	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Magnesium	16200		258	1290	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Manganese	267	J	1.3	3.9	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Nickel	10.3	J	1.3	10.3	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Potassium	1270	J	258	1290	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Selenium	ND	U	0.77	1.3	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Silver	ND	U	0.26	2.6	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Sodium	ND	U	258	1290	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Thallium	ND	U	0.32	0.64	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Vanadium	21.3		1.3	12.9	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW6010B	Zinc	40.2	J	2.6	5.2	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW7471A	Mercury	2.2		0.018	0.044	mg/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.2	17	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.2	17	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.2	17	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.2	17	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.2	17	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	750		4.2	17	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	710		8.3	33	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	U	33	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	U	50	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	U	34	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	U	51	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	U	54	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	U	34	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	U	45	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	U	24	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	U	27	1700	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	UJ	170	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	U	31	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	U	48	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	2-Chloronaphthalene	ND	U	41	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	2-Chlorophenol	ND	U	52	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	2-Methylnaphthalene	ND	U	45	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	U	50	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	2-Nitroaniline	ND	U	41	1700	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	2-Nitrophenol	ND	U	28	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	U	40	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	3-Methylphenol	ND	U	35	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	3-Nitroaniline	ND	U	60	1700	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	28	1700	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	U	33	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	U	36	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	4-Chloroaniline	ND	U	61	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	U	39	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	U	34	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	4-Nitroaniline	ND	U	130	1700	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	4-Nitrophenol	ND	UJ	100	1700	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Acenaphthene	ND	U	34	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Acenaphthylene	ND	U	25	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Anthracene	41	J	35	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Benzo(a)anthracene	350	J	47	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Benzo(a)pyrene	110	J	29	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Benzo(b)fluoranthene	500		40	430	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Benzo(g,h,i)perylene	180	J	90	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Benzo(k)fluoranthene	330	J	50	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Benzoic acid	ND	U	25	1700	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Benzyl alcohol	ND	UJ	58	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Butylbenzylphthalate	ND	U	38	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Carbazole	ND	U	46	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Chrysene	410	J	40	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Di-n-butylphthalate	ND	U	39	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Di-n-octylphthalate	ND	U	34	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	U	77	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Dibenzofuran	ND	U	31	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Diethylphthalate	ND	U	850	850	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Dimethylphthalate	ND	U	39	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Fluoranthene	640		69	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Fluorene	ND	U	33	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Hexachlorobenzene	ND	U	44	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Hexachlorobutadiene	ND	U	42	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	UJ	78	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Hexachloroethane	ND	U	50	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	340	J	59	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Isophorone	ND	U	36	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	U	70	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	U	120	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	U	41	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Naphthalene	ND	U	42	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Nitrobenzene	ND	U	44	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Pentachlorophenol	ND	U	43	1700	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Phenanthrene	210	J	29	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Phenol	ND	U	46	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	Pyrene	500		51	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	U	40	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	52	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	66	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	46	430	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	0.98	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.47	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.6	11	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.38	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	1,1-Dichloroethane	ND	U	0.59	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	1.3	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.46	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.2	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.3	11	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.47	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	U	0.4	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	0.5	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	0.5	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	0.92	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	U	0.6	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.5	55	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	2-Hexanone	ND	U	2.5	27	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.63	27	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Acetone	ND	U	64	92	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Benzene	1.8	J	0.51	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Bromochloromethane	ND	U	0.46	11	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.33	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Bromoform	ND	U	1.1	5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Bromomethane	ND	U	0.79	1	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Carbon Disulfide	ND	U	1.4	9.3	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	0.96	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Chlorobenzene	ND	U	2.7	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Chloroethane	ND	U	1.2	11	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Chloroform	ND	U	0.6	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Chloromethane	ND	U	0.57	11	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Cyclohexane	3.8	J	0.59	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.37	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	1.2	11	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Ethylbenzene	ND	U	0.82	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.96	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Methyl Acetate	ND	U	1.7	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Methylcyclohexane	5.3	J	0.33	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Methylene Chloride	ND	U	0.68	11	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Styrene	ND	U	0.38	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.35	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	1.1	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Toluene	2.9	J	0.94	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Trichloroethene (TCE)	ND	U	0.93	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	1	11	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Vinyl chloride	ND	U	1.2	11	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	Xylenes, Total	ND	U	0.76	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	1.3	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	0.55	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	1.2	5.5	ug/Kg
AA1-SD13	PBOW-07-SD-AA1-SD13-A	N1	5/25/2007	8:45	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.35	5.5	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	91	450	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	91	450	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8330	2,4,6-Trinitrotoluene	ND	U	91	450	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8330	2,4-Dinitrotoluene	ND	U	120	450	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	120	450	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	140	450	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8330	2-Nitrotoluene	ND	U	91	450	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8330	3-Nitrotoluene	ND	U	140	450	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	91	450	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8330	4-Nitrotoluene	ND	U	91	450	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8330	HMX	ND	U	91	450	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8330	Nitrobenzene	ND	U	100	450	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8330	RDX	ND	U	91	450	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8330	Tetryl	ND	U	91	450	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Aluminum	10800		12.4	49.8	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Antimony	ND	UJ	2.5	14.9	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Arsenic	6.9		0.37	1.2	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Barium	69.3	J	1.2	49.8	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Beryllium	0.63	J	0.25	1.2	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Cadmium	0.36	J	0.25	1.2	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Calcium	3820		249	1240	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Chromium	18.5	J	1.2	2.5	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Cobalt	6.7	J	1.2	12.4	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Copper	11.4	J	1.2	6.2	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Iron	20000		12.4	24.9	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Lead	8.3		0.37	0.75	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Magnesium	2110		249	1240	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Manganese	362	J	1.2	3.7	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Nickel	14.8		1.2	10	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Potassium	1130	J	249	1240	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Selenium	ND	U	0.75	1.2	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Silver	ND	U	0.25	2.5	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Sodium	ND	U	249	1240	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Thallium	ND	U	0.31	0.62	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Vanadium	34.8		1.2	12.4	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW6010B	Zinc	46.1	J	2.5	5	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW7471A	Mercury	0.024	J	0.016	0.04	mg/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.1	16	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.1	16	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.1	16	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.1	16	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.1	16	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	5.7	J	4.1	16	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	6.5	J	4.1	16	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	U	32	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	U	49	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	U	33	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	U	50	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	U	53	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	U	33	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	U	43	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	U	23	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	U	26	1600	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	UJ	160	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	U	30	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	U	47	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	2-Chloronaphthalene	ND	U	40	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	2-Chlorophenol	ND	U	51	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	2-Methylnaphthalene	ND	U	43	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	U	48	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	2-Nitroaniline	ND	U	40	1600	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	2-Nitrophenol	ND	U	27	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	U	39	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	3-Methylphenol	ND	U	34	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	3-Nitroaniline	ND	U	59	1600	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	27	1600	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	U	32	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	U	34	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	4-Chloroaniline	ND	U	60	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	U	38	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	U	33	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	4-Nitroaniline	ND	U	120	1600	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	4-Nitrophenol	ND	UJ	100	1600	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Acenaphthene	ND	U	33	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Acenaphthylene	ND	U	24	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Anthracene	ND	U	34	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Benzo(a)anthracene	ND	U	45	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Benzo(a)pyrene	ND	U	28	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Benzo(b)fluoranthene	ND	U	39	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Benzo(g,h,i)perylene	ND	U	88	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Benzo(k)fluoranthene	ND	U	49	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Benzoic acid	ND	U	24	1600	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Benzyl alcohol	ND	UJ	56	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Butylbenzylphthalate	ND	U	37	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Carbazole	ND	U	45	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Chrysene	ND	U	38	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Di-n-butylphthalate	ND	U	38	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Di-n-octylphthalate	ND	U	33	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	U	75	10	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Dibenzofuran	ND	U	30	10	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Diethylphthalate	ND	U	830	830	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Dimethylphthalate	ND	U	38	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Fluoranthene	ND	U	66	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Fluorene	ND	U	32	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Hexachlorobenzene	ND	U	43	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Hexachlorobutadiene	ND	U	41	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Hexachlorocyclopentadiene	-	R	-	-	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Hexachloroethane	ND	U	49	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	57	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Isophorone	ND	U	35	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	U	68	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	U	120	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	U	40	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Naphthalene	ND	U	40	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Nitrobenzene	ND	U	43	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Pentachlorophenol	ND	U	42	1600	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Phenanthrene	ND	U	28	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Phenol	ND	U	45	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	Pyrene	ND	U	49	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	U	38	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	51	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	64	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	45	410	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	UJ	1	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.48	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.61	11	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.39	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	1,1-Dichloroethane	ND	UJ	0.6	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	1,1-Dichloroethene	ND	UJ	1.3	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.47	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	UJ	0.2	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.3	11	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.48	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	UJ	0.41	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	0.51	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	0.51	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	UJ	0.93	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	UJ	0.61	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.6	56	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	2-Hexanone	ND	U	2.6	28	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.64	28	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Acetone	ND	U	22	94	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Benzene	ND	UJ	0.52	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Bromochloromethane	ND	UJ	0.47	11	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.33	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Bromoform	ND	U	1.1	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Bromomethane	ND	U	0.8	11	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Carbon Disulfide	ND	UJ	1.4	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Carbon tetrachloride	ND	UJ	0.98	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Chlorobenzene	ND	UJ	2.8	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Chloroethane	2.6	J	1.2	11	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Chloroform	ND	U	0.61	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Chloromethane	ND	U	0.58	11	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Cyclohexane	ND	UJ	0.6	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.38	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	1.2	11	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Ethylbenzene	ND	U	0.83	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.98	5.6	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Methyl Acetate	ND	UJ	1.8	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Methylcyclohexane	ND	UJ	0.33	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Methylene Chloride	ND	U	0.69	11	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Styrene	ND	UJ	0.39	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.36	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	UJ	1.1	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Toluene	ND	UJ	0.96	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Trichloroethene (TCE)	ND	UJ	0.94	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	1	11	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Vinyl chloride	ND	UJ	1.2	11	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	Xylenes, Total	ND	UJ	0.78	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	1.3	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	0.56	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	1.2	5.6	ug/Kg
AA1-SD14	PBOW-07-SD-AA1-SD14-A	N1	5/25/2007	9:15	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.36	5.6	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	83	420	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	83	420	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8330	2,4,6-Trinitrotoluene	ND	U	83	420	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8330	2,4-Dinitrotoluene	ND	U	110	420	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	110	420	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	120	420	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8330	2-Nitrotoluene	ND	U	83	420	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8330	3-Nitrotoluene	ND	U	120	420	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	83	420	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8330	4-Nitrotoluene	ND	U	83	420	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8330	HMX	ND	U	83	420	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8330	Nitrobenzene	ND	U	92	420	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8330	RDX	ND	U	83	420	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8330	Tetryl	ND	U	83	420	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Aluminum	12600		13.6	54.3	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Antimony	ND	UJ	2.7	16.3	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Arsenic	11.7		0.41	1.4	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Barium	68.9	J	1.4	54.3	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Beryllium	1.2	J	0.27	1.4	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Cadmium	0.78	J	0.27	1.4	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Calcium	5770		272	1360	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Chromium	19.8	J	1.4	2.7	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Cobalt	10.7	J	1.4	13.6	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Copper	18	J	1.4	6.8	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Iron	25300		13.6	27.2	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Lead	22.5		0.41	0.82	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Magnesium	1780		272	1360	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Manganese	106	J	1.4	4.1	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Nickel	26.3		1.4	10.9	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Potassium	1340	J	272	1360	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Selenium	ND	U	0.81	1.4	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Silver	ND	U	0.27	2.7	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Sodium	ND	U	272	1360	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Thallium	ND	U	0.34	0.68	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Vanadium	40.5		1.4	13.6	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW6010B	Zinc	124	J	2.7	5.4	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW7471A	Mercury	0.068		0.019	0.047	mg/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.4	18	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.4	18	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.4	18	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.4	18	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.4	18	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	4.6	J	4.4	18	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	36		4.4	18	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	U	34	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	U	34	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	U	52	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	U	52	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	U	35	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	1,2-Diphenylhydrazine	ND	U	35	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	U	53	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	U	53	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	U	56	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	U	56	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	U	36	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	U	36	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	U	46	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	U	46	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	U	25	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	U	25	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	U	28	1800	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	U	28	1800	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	U	180	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	UJ	180	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	U	32	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	U	32	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	U	50	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	U	50	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2-Chloronaphthalene	ND	U	42	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2-Chloronaphthalene	ND	U	42	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2-Chlorophenol	ND	U	54	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2-Chlorophenol	ND	U	54	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2-Methylnaphthalene	ND	U	46	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2-Methylnaphthalene	ND	U	46	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	U	51	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	U	51	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2-Nitroaniline	ND	U	42	1800	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2-Nitroaniline	ND	U	42	1800	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2-Nitrophenol	ND	U	29	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	2-Nitrophenol	ND	U	29	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	U	42	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	U	42	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	3-Methylphenol	ND	U	36	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	3-Methylphenol	ND	U	36	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	3-Nitroaniline	ND	U	63	1800	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	3-Nitroaniline	ND	U	63	1800	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	29	1800	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	29	1800	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	U	34	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	U	34	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	U	37	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	U	37	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	4-Chloroaniline	ND	U	64	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	4-Chloroaniline	ND	U	64	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	U	41	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	U	41	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	U	35	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	U	35	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	4-Nitroaniline	ND	U	130	1800	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	4-Nitroaniline	ND	U	130	1800	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	4-Nitrophenol	ND	U	110	1800	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	4-Nitrophenol	ND	UJ	110	1800	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Acenaphthene	ND	U	35	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Acenaphthene	ND	U	35	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Acenaphthylene	ND	U	26	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Acenaphthylene	ND	U	26	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Anthracene	ND	U	36	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Anthracene	ND	U	36	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Benzo(a)anthracene	ND	U	48	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Benzo(a)anthracene	ND	U	48	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Benzo(a)pyrene	ND	U	30	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Benzo(a)pyrene	ND	U	30	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Benzo(b)fluoranthene	ND	U	42	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Benzo(b)fluoranthene	64	J	42	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Benzo(g,h,i)perylene	ND	U	94	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Benzo(g,h,i)perylene	ND	U	94	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Benzo(k)fluoranthene	ND	U	52	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Benzo(k)fluoranthene	ND	U	52	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Benzoic acid	ND	U	26	1800	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Benzoic acid	ND	U	26	1800	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Benzyl alcohol	ND	U	60	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Benzyl alcohol	ND	UJ	60	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Butylbenzylphthalate	ND	U	39	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Butylbenzylphthalate	ND	U	39	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Carbazole	ND	U	48	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Carbazole	ND	U	48	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Chrysene	ND	U	41	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Chrysene	50	J	41	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Di-n-butylphthalate	ND	U	40	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Di-n-butylphthalate	ND	U	40	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Di-n-octylphthalate	ND	U	36	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Di-n-octylphthalate	ND	U	36	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	U	80	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	U	80	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Dibenzofuran	ND	U	32	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Dibenzofuran	ND	U	32	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Diethylphthalate	ND	U	880	880	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Diethylphthalate	ND	U	880	880	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Dimethylphthalate	ND	U	40	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Dimethylphthalate	ND	U	40	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Fluoranthene	ND	U	71	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Fluoranthene	ND	U	71	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Fluorene	ND	U	35	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Fluorene	ND	U	35	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Hexachlorobenzene	ND	U	46	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Hexachlorobenzene	ND	U	46	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Hexachlorobutadiene	ND	U	43	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Hexachlorobutadiene	ND	U	43	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	U	81	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	UJ	81	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Hexachloroethane	ND	U	52	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Hexachloroethane	ND	U	52	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	61	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	61	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Isophorone	ND	U	38	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Isophorone	ND	U	38	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	U	73	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	U	73	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	U	120	440	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	N-Nitrosodimethylamine	ND	U	120	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	U	42	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	U	42	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Naphthalene	ND	U	43	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Naphthalene	ND	U	43	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Nitrobenzene	ND	U	46	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Nitrobenzene	ND	U	46	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Pentachlorophenol	ND	U	45	1800	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Pentachlorophenol	ND	U	45	1800	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Phenanthrene	ND	U	30	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Phenanthrene	ND	U	30	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Phenol	ND	U	48	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Phenol	ND	U	48	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Pyrene	ND	U	53	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	Pyrene	ND	U	53	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	U	41	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	U	41	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	54	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	54	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	68	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	68	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	48	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	48	440	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	0.91	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.43	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.56	10	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.35	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	1,1-Dichloroethane	ND	U	0.54	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	1.2	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.42	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.43	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	U	0.37	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	0.46	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	0.46	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	0.85	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	U	0.56	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	5.2	J	1.4	50	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	2-Hexanone	ND	U	2.3	25	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.58	25	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Acetone	ND	U	26	84	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Benzene	ND	U	0.47	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Bromochloromethane	ND	U	0.42	10	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.3	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Bromoform	ND	U	1	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Bromomethane	ND	U	0.73	10	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Carbon Disulfide	ND	UJ	1.3	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	0.89	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Chlorobenzene	ND	U	2.5	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Chloroethane	2	J	1.1	10	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Chloroform	ND	U	0.56	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Chloromethane	ND	U	0.52	10	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Cyclohexane	ND	U	0.54	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.34	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Ethylbenzene	ND	U	0.76	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.89	5	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Methyl Acetate	ND	U	1.6	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Methylcyclohexane	ND	U	0.3	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Methylene Chloride	ND	U	0.63	10	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Styrene	ND	U	0.35	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.32	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	0.98	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Toluene	ND	U	0.87	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Trichloroethene (TCE)	ND	U	0.86	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	0.96	10	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Vinyl chloride	ND	U	1.1	10	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	Xylenes, Total	ND	U	0.71	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	0.5	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5	ug/Kg
AA1-SD15	PBOW-07-SD-AA1-SD15-A	N1	5/25/2007	9:40	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.32	5	ug/Kg
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8330	1,3,5-Trinitrobenzene	ND	U	0.072	0.36	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8330	1,3-Dinitrobenzene	ND	U	0.072	0.36	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8330	2,4,6-Trinitrotoluene	ND	U	0.072	0.36	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8330	2,4-Dinitrotoluene	ND	U	0.094	0.36	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8330	2,6-Dinitrotoluene	ND	U	0.094	0.36	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8330	2-Amino-4,6-Dinitrotoluene	0.24	J	0.11	0.36	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8330	2-Nitrotoluene	ND	U	0.072	0.36	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8330	3-Nitrotoluene	ND	U	0.11	0.36	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8330	4-Amino-2,6-Dinitrotoluene	0.4		0.072	0.36	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8330	4-Nitrotoluene	ND	U	0.072	0.36	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8330	HMX	ND	U	0.072	0.36	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8330	Nitrobenzene	ND	U	0.079	0.36	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8330	RDX	0.5		0.072	0.36	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8330	Tetryl	ND	U	0.072	0.36	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Aluminum	608		100	200	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Arsenic	ND	U	3	10	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Barium	23.5	J	5	40	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Calcium	163000		500	2000	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Cobalt	12.8		3	12.5	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Copper	ND	U	4	25	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Iron	4380		30	100	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Lead	ND	U	1.5	3	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Magnesium	39200		500	2000	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Manganese	554		3	15	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Nickel	16		3	10	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Potassium	46200		500	2000	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Silver	ND	U	1	10	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Sodium	4040		500	2000	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Thallium	ND	U	3	10	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW6010B	Zinc	ND	U	5	20	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.1	0.2	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.1	0.2	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.1	0.2	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.1	0.2	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.1	.2	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.1	.2	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.1	0.2	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.34	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	1,2-Dichlorobenzene	ND	U	0.68	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	1,2-Diphenylhydrazine	ND	U	0.65	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	1,3-Dichlorobenzene	ND	U	0.36	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	1,4-Dichlorobenzene	ND	U	0.51	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	2,4,5-Trichlorophenol	ND	UJ	0.47	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	2,4,6-Trichlorophenol	ND	UJ	0.69	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	2,4-Dichlorophenol	ND	UJ	0.42	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	2,4-Dimethylphenol	ND	UJ	0.67	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	2,4-Dinitrophenol	ND	UJ	0.8	24	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	2,4-Dinitrotoluene	ND	U	0.46	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	2,6-Dinitrotoluene	ND	U	0.62	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	2-Chloronaphthalene	ND	U	0.55	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	2-Chlorophenol	ND	UJ	0.56	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	2-Methylnaphthalene	ND	U	0.64	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.78	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	2-Nitroaniline	ND	U	1.1	24	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	2-Nitrophenol	ND	UJ	0.7	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.84	9.4	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	3-Methylphenol	13	J	0.73	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	3-Nitroaniline	ND	U	0.99	24	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	0.7	24	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.54	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	4-Chloro-3-methylphenol	ND	UJ	0.55	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	4-Chloroaniline	ND	U	0.9	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.84	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	4-Methylphenol (p-Cresol)	13	J	0.73	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	4-Nitroaniline	ND	U	1.9	24	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	4-Nitrophenol	ND	UJ	0.78	24	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Acenaphthene	ND	U	0.59	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Acenaphthylene	ND	U	0.44	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Anthracene	ND	U	0.73	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Benzo(a)anthracene	ND	U	0.86	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Benzo(a)pyrene	ND	U	0.57	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Benzo(b)fluoranthene	ND	U	0.67	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Benzo(g,h,i)perylene	ND	UJ	1.4	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Benzo(k)fluoranthene	ND	U	0.47	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Benzoic acid	3.7	J	0.38	24	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Benzyl alcohol	2.3	J	0.71	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Butylbenzylphthalate	ND	U	0.77	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Carbazole	ND	U	0.65	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Chrysene	ND	U	0.95	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Di-n-octylphthalate	ND	U	0.31	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Dibenzofuran	ND	U	0.61	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Diethylphthalate	ND	U	0.96	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Dimethylphthalate	ND	U	0.7	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Fluoranthene	ND	U	0.66	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Fluorene	ND	U	0.52	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Hexachlorobenzene	ND	U	0.44	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Hexachlorobutadiene	ND	U	0.88	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Hexachlorocyclopentadiene	ND	U	0.84	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Hexachloroethane	ND	U	0.43	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Isophorone	ND	UJ	0.52	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.85	4.7	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	N-Nitrosodimethylamine	ND	U	0.85	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	N-Nitrosodiphenylamine	ND	U	0.43	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Naphthalene	ND	U	0.42	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Nitrobenzene	ND	U	0.58	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Pentachlorophenol	ND	UJ	0.94	24	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Phenanthrene	ND	U	0.73	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Phenol	ND	UJ	0.43	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	Pyrene	ND	U	0.61	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.49	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.8	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.7	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Acetone	9	J	1.1	10	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Vinyl chloride	ND	U	0.19		ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	Xylenes, Total	ND	U	0.21		ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-SW01	PBOW-07-SW-AA1-SW01-A	N1	5/21/2007	13:10	0	0	WS	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8330	1,3,5-Trinitrobenzene	ND	U	0.08	0.4	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8330	1,3,5-Trinitrobenzene	ND	U	0.084	0.42	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8330	1,3-Dinitrobenzene	ND	U	0.08	0.4	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8330	1,3-Dinitrobenzene	ND	U	0.084	0.42	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8330	2,4,6-Trinitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8330	2,4,6-Trinitrotoluene	ND	U	0.084	0.42	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8330	2,4-Dinitrotoluene	ND	U	0.1	0.4	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8330	2,4-Dinitrotoluene	ND	U	0.11	0.42	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8330	2,6-Dinitrotoluene	ND	U	0.1	0.4	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8330	2,6-Dinitrotoluene	ND	U	0.11	0.42	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.12	0.4	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.13	0.42	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8330	2-Nitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8330	2-Nitrotoluene	ND	U	0.084	0.42	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8330	3-Nitrotoluene	ND	U	0.12	0.4	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8330	3-Nitrotoluene	ND	U	0.13	0.42	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.084	0.42	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8330	4-Nitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8330	4-Nitrotoluene	ND	U	0.084	0.42	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8330	HMX	ND	U	0.08	0.4	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8330	HMX	ND	U	0.084	0.42	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8330	Nitrobenzene	ND	U	0.088	0.4	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8330	Nitrobenzene	ND	U	0.092	0.42	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8330	RDX	ND	U	0.08	0.4	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8330	RDX	0.46		0.084	0.42	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8330	Tetryl	ND	U	0.08	0.4	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8330	Tetryl	ND	U	0.084	0.42	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Aluminum	ND	U	100	200	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Arsenic	ND	U	3	10	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Barium	11.5	J	5	40	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Calcium	120000		500	2000	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Cobalt	6.5	J	3	12.5	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Copper	ND	U	4	25	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Iron	79.6	J	30	100	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Lead	ND	U	1.5	3	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Magnesium	28300		500	2000	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Manganese	70.5		3	15	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Nickel	51.1		3	10	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Potassium	2380		500	2000	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Silver	ND	U	1	10	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Sodium	3430		500	2000	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Thallium	ND	U	3	10	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW6010B	Zinc	28.1		5	20	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.1	0.2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.1	0.2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.1	0.2	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.1	0.2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.1	0.2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.1	0.2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.1	0.2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.1	0.2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.1	0.2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.1	0.2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.1	0.2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.1	0.2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.1	0.2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.1	0.2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.35	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.35	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	1,2-Dichlorobenzene	ND	U	0.69	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	1,2-Dichlorobenzene	ND	U	0.69	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	1,2-Diphenylhydrazine	ND	U	0.66	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	1,2-Diphenylhydrazine	ND	U	0.66	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	1,3-Dichlorobenzene	ND	U	0.36	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	1,3-Dichlorobenzene	ND	U	0.36	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	1,4-Dichlorobenzene	ND	U	0.52	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	1,4-Dichlorobenzene	ND	U	0.52	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4,5-Trichlorophenol	ND	U	0.48	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4,5-Trichlorophenol	ND	U	0.48	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4,6-Trichlorophenol	ND	U	0.7	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4,6-Trichlorophenol	ND	U	0.7	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4-Dichlorophenol	ND	U	0.42	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4-Dichlorophenol	ND	U	0.42	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4-Dimethylphenol	ND	U	0.68	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4-Dimethylphenol	ND	U	0.68	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4-Dinitrophenol	ND	U	0.82	24	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4-Dinitrophenol	ND	U	0.82	24	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4-Dinitrotoluene	ND	U	0.47	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4-Dinitrotoluene	ND	U	0.47	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,6-Dinitrotoluene	ND	U	0.63	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,6-Dinitrotoluene	ND	U	0.63	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Chloronaphthalene	ND	U	0.56	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Chloronaphthalene	ND	U	0.56	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Chlorophenol	ND	U	0.57	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Chlorophenol	ND	U	0.57	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Methylnaphthalene	ND	U	0.65	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Methylnaphthalene	ND	U	0.65	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.8	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.8	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Nitroaniline	ND	U	1.1	24	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Nitroaniline	ND	U	1.1	24	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Nitrophenol	ND	U	0.71	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Nitrophenol	ND	U	0.71	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.86	9.6	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.86	9.6	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	3-Methylphenol	ND	U	0.74	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	3-Methylphenol	ND	U	0.74	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	3-Nitroaniline	ND	U	1	24	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	3-Nitroaniline	ND	U	1	24	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.71	24	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.71	24	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.55	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.55	8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Chloro-3-methylphenol	ND	U	0.56	8	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Chloro-3-methylphenol	ND	U	0.56	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Chloroaniline	ND	U	0.91	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Chloroaniline	ND	U	0.91	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.86	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.86	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.74	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.74	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Nitroaniline	ND	U	2	24	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Nitroaniline	ND	U	2	24	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Nitrophenol	ND	U	0.8	24	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Nitrophenol	ND	U	0.8	24	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Acenaphthene	ND	U	0.6	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Acenaphthene	ND	U	0.6	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Acenaphthylene	ND	U	0.45	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Acenaphthylene	ND	U	0.45	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Anthracene	ND	U	0.74	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Anthracene	ND	U	0.74	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzo(a)anthracene	ND	U	0.88	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzo(a)anthracene	ND	U	0.88	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzo(a)pyrene	ND	U	0.58	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzo(a)pyrene	ND	U	0.58	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzo(b)fluoranthene	ND	U	0.68	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzo(b)fluoranthene	ND	U	0.68	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzo(k)fluoranthene	ND	U	0.48	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzo(k)fluoranthene	ND	U	0.48	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzoic acid	ND	U	0.38	24	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzoic acid	ND	U	0.38	24	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzyl alcohol	ND	U	0.72	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzyl alcohol	ND	U	0.72	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Butylbenzylphthalate	ND	U	0.79	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Butylbenzylphthalate	ND	U	0.79	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Carbazole	ND	U	0.66	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Carbazole	ND	U	0.66	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Chrysene	ND	U	0.97	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Chrysene	ND	U	0.97	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Di-n-octylphthalate	ND	U	0.32	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Di-n-octylphthalate	ND	U	0.32	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Dibenzofuran	ND	U	0.62	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Dibenzofuran	ND	U	0.62	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Diethylphthalate	ND	U	0.98	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Diethylphthalate	ND	U	0.98	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Dimethylphthalate	ND	U	0.71	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Dimethylphthalate	ND	U	0.71	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Fluoranthene	ND	U	0.67	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Fluoranthene	ND	U	0.67	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Fluorene	ND	U	0.53	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Fluorene	ND	U	0.53	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Hexachlorobenzene	ND	U	0.45	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Hexachlorobenzene	ND	U	0.45	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Hexachlorobutadiene	ND	U	0.89	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Hexachlorobutadiene	ND	U	0.89	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Hexachlorocyclopentadiene	ND	U	0.86	4.8	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Hexachlorocyclopentadiene	ND	U	0.86	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Hexachloroethane	ND	U	0.44	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Hexachloroethane	ND	U	0.44	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.4	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.4	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Isophorone	ND	U	0.53	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Isophorone	ND	U	0.53	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.86	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.86	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	N-Nitrosodimethylamine	ND	U	0.86	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	N-Nitrosodimethylamine	ND	U	0.86	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	N-Nitrosodiphenylamine	ND	U	0.44	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	N-Nitrosodiphenylamine	ND	U	0.44	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Naphthalene	ND	U	0.43	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Naphthalene	ND	U	0.43	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Nitrobenzene	ND	U	0.6	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Nitrobenzene	ND	U	0.6	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Pentachlorophenol	ND	U	0.96	24	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Pentachlorophenol	ND	U	0.96	24	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Phenanthrene	ND	U	0.74	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Phenanthrene	ND	U	0.74	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Phenol	ND	U	0.44	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Phenol	ND	U	0.44	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	Pyrene	ND	U	0.62	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	Pyrene	ND	U	0.62	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.5	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.5	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.43	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.43	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.82	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.82	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.8	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Acetone	ND	U	1.1	10	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Acetone	ND	U	1.1	10	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Toluene	ND	U	0.18	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-A	N1	5/22/2007	10:15	0	0	WS	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	N1	5/22/2007	10:15	0	0	WS	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Aluminum	ND	U	100	200	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Arsenic	ND	U	3	10	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Barium	11.6	J	5	40	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Calcium	121000		500	2000	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Cobalt	5.8	J	3	12.5	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Copper	ND	U	4	25	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Iron	73.8	J	30	100	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Lead	ND	U	1.5	3	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Magnesium	28500		500	2000	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Manganese	58.6		3	15	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Nickel	51.2		3	10	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Potassium	2410		500	2000	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Silver	ND	U	1	10	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Sodium	3430		500	2000	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Thallium	4.3	J	3	10	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW6010B	Zinc	29.4		5	20	ug/L
AA1-SW02	PBOW-07-SW-AA1-SW02-D	FD1	5/22/2007	10:15	0	0	WS	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8330	1,3,5-Trinitrobenzene	ND	U	0.076	0.38	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8330	1,3-Dinitrobenzene	ND	U	0.076	0.38	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8330	2,4,6-Trinitrotoluene	ND	U	0.076	0.38	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8330	2,4-Dinitrotoluene	ND	U	0.099	0.38	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8330	2,6-Dinitrotoluene	ND	U	0.099	0.38	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.11	0.38	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8330	2-Nitrotoluene	ND	U	0.076	0.38	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8330	3-Nitrotoluene	ND	U	0.11	0.38	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.076	0.38	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8330	4-Nitrotoluene	ND	U	0.076	0.38	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8330	HMX	ND	U	0.076	0.38	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8330	Nitrobenzene	ND	U	0.084	0.38	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8330	RDX	ND	U	0.076	0.38	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8330	Tetryl	ND	U	0.076	0.38	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Aluminum	ND	U	100	200	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Arsenic	ND	U	3	10	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Barium	11.8	J	5	40	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Calcium	123000		500	2000	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Cobalt	6.4	J	3	12.5	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Copper	ND	U	4	25	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Iron	98.6	J	30	100	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Lead	ND	U	1.5	3	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Magnesium	28900		500	2000	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Manganese	72.8		3	15	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Nickel	51.7		3	10	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Potassium	2440		500	2000	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Silver	ND	U	1	10	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Sodium	3450		500	2000	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Thallium	ND	U	3	10	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW6010B	Zinc	30.1		5	20	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.1	0.2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.1	0.2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.1	0.2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.1	0.2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.1	0.2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.1	0.2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.1	0.2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.35	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	1,2-Dichlorobenzene	ND	U	0.7	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	1,2-Diphenylhydrazine	ND	U	0.68	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	1,3-Dichlorobenzene	ND	U	0.37	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	1,4-Dichlorobenzene	ND	U	0.53	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	2,4,5-Trichlorophenol	ND	U	0.49	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	2,4,6-Trichlorophenol	ND	U	0.72	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	2,4-Dichlorophenol	ND	U	0.43	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	2,4-Dimethylphenol	ND	U	0.7	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	2,4-Dinitrophenol	ND	U	0.83	24	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	2,4-Dinitrotoluene	ND	U	0.48	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	2,6-Dinitrotoluene	ND	U	0.65	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	2-Chloronaphthalene	ND	U	0.57	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	2-Chlorophenol	ND	U	0.58	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	2-Methylnaphthalene	ND	U	0.67	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.81	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	2-Nitroaniline	ND	U	1.2	24	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	2-Nitrophenol	ND	U	0.72	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.87	9.8	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	3-Methylphenol	ND	U	0.75	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	3-Nitroaniline	ND	U	1	24	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.72	24	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.56	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	4-Chloro-3-methylphenol	ND	U	0.57	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	4-Chloroaniline	ND	U	0.93	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.87	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.75	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	4-Nitroaniline	ND	U	2	24	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	4-Nitrophenol	ND	U	0.81	24	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Acenaphthene	ND	U	0.62	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Acenaphthylene	ND	U	0.46	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Anthracene	ND	U	0.75	4.9	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Benzo(a)anthracene	ND	U	0.89	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Benzo(a)pyrene	ND	U	0.59	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Benzo(b)fluoranthene	ND	U	0.7	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Benzo(k)fluoranthene	ND	U	0.49	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Benzoic acid	ND	U	0.39	24	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Benzyl alcohol	ND	U	0.74	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Butylbenzylphthalate	ND	U	0.8	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Carbazole	ND	U	0.68	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Chrysene	ND	U	0.99	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Di-n-butylphthalate	ND	U	1.3	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Di-n-octylphthalate	ND	U	0.32	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Dibenz(a,h)anthracene	ND	U	1.7	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Dibenzofuran	ND	U	0.64	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Diethylphthalate	ND	U	1	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Dimethylphthalate	ND	U	0.72	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Fluoranthene	ND	U	0.69	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Fluorene	ND	U	0.54	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Hexachlorobenzene	ND	U	0.46	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Hexachlorobutadiene	ND	U	0.91	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Hexachlorocyclopentadiene	ND	U	0.87	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Hexachloroethane	ND	U	0.45	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.4	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Isophorone	ND	U	0.54	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	N-Nitróso-di-n-propylamine	ND	U	0.88	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	N-Nitrosodimethylamine	ND	U	0.88	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	N-Nitrosodiphenylamine	ND	U	0.45	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Naphthalene	ND	U	0.44	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Nitrobenzene	ND	U	0.61	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Pentachlorophenol	ND	U	0.98	24	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Phenanthrene	ND	U	0.75	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Phenol	ND	U	0.45	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	Pyrene	ND	U	0.64	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.51	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.44	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.83	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.9	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Acetone	ND	U	1.1	10	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Bromochloromethane	ND	U	0.31	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-SW03	PBOW-07-SW-AA1-SW03-A	N1	5/22/2007	10:50	0	0	WS	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8330	1,3,5-Trinitrobenzene	ND	U	0.074	0.37	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8330	1,3-Dinitrobenzene	ND	U	0.074	0.37	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8330	2,4,6-Trinitrotoluene	ND	U	0.074	0.37	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8330	2,4-Dinitrotoluene	ND	U	0.096	0.37	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8330	2,6-Dinitrotoluene	ND	U	0.096	0.37	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.11	0.37	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8330	2-Nitrotoluene	ND	U	0.074	0.37	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8330	3-Nitrotoluene	ND	U	0.11	0.37	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.074	0.37	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8330	4-Nitrotoluene	ND	U	0.074	0.37	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8330	HMX	ND	U	0.074	0.37	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8330	Nitrobenzene	ND	U	0.081	0.37	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8330	RDX	ND	U	0.074	0.37	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8330	Tetryl	ND	U	0.074	0.37	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Aluminum	ND	U	100	200	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Arsenic	ND	U	3	10	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Barium	58.8		5	40	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Calcium	196000		500	2000	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Cobalt	ND	U	3	12.5	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Copper	ND	U	4	25	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Iron	1270		30	100	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Lead	2.2	J	1.5	3	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Magnesium	34000		500	2000	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Manganese	8840		3	15	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Nickel	ND	U	3	10	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Potassium	1810	J	500	2000	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Silver	ND	U	1	10	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Sodium	4020		500	2000	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Thallium	ND	U	3	10	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW6010B	Zinc	ND	U	5	20	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.1	0.2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.1	0.2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.1	0.2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.1	0.2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.1	0.2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.1	0.2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.1	0.2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.33	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	1,2-Dichlorobenzene	ND	U	0.67	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	1,3-Dichlorobenzene	ND	U	0.35	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	1,4-Dichlorobenzene	ND	U	0.5	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	2,4,5-Trichlorophenol	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	2,4,6-Trichlorophenol	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	2,4-Dichlorophenol	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	2,4-Dimethylphenol	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	2,4-Dinitrophenol	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	2,4-Dinitrotoluene	ND	U	0.45	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	2,6-Dinitrotoluene	ND	U	0.61	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	2-Chlorophenol	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	2-Methylnaphthalene	ND	U	0.63	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	2-Methylphenol (o-Cresol)	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	2-Nitroaniline	ND	U	1.1	23	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	2-Nitrophenol	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.82	9.2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	3-Methylphenol	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	3-Nitroaniline	ND	U	0.97	23	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	4,6-Dinitro-2-methylphenol	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	4-Chloro-3-methylphenol	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	4-Chloroaniline	ND	U	0.88	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.82	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	4-Methylphenol (p-Cresol)	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	4-Nitroaniline	ND	U	1.9	23	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	4-Nitrophenol	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Acenaphthene	ND	U	0.58	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Acenaphthylene	ND	U	0.44	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Anthracene	ND	U	0.71	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Benzo(a)anthracene	ND	U	0.84	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Benzo(a)pyrene	ND	U	0.56	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Benzo(b)fluoranthene	ND	U	0.66	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Benzo(g,h,i)perylene	ND	UJ	1.4	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Benzo(k)fluoranthene	ND	U	0.46	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Benzoic acid	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Benzyl alcohol	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Butylbenzylphthalate	ND	U	0.76	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Carbazole	ND	U	0.64	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Chrysene	ND	U	0.94	6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Di-n-butylphthalate	ND	U	1.2	6	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Di-n-octylphthalate	ND	U	0.3	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Dibenzofuran	ND	U	0.6	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Diethylphthalate	ND	U	0.94	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Dimethylphthalate	ND	U	0.68	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Fluoranthene	ND	U	0.65	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Fluorene	ND	U	0.51	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Hexachlorobenzene	ND	U	0.44	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Hexachlorobutadiene	ND	U	0.86	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Hexachlorocyclopentadiene	ND	U	0.82	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Hexachloroethane	ND	U	0.42	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Isophorone	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.83	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	N-Nitrosodimethylamine	ND	U	0.83	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	N-Nitrosodiphenylamine	ND	U	0.42	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Naphthalene	ND	U	0.42	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Nitrobenzene	ND	U	0.57	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Pentachlorophenol	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Phenanthrene	ND	U	0.71	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Phenol	-	R	-	-	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	Pyrene	ND	U	0.6	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.6	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Acetone	ND	U	1.1	10	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-SW04	PBOW-07-SW-AA1-SW04-A	N1	5/21/2007	13:30	0	0	WS	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8330	1,3,5-Trinitrobenzene	ND	U	0.08	0.4	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8330	1,3-Dinitrobenzene	ND	U	0.08	0.4	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8330	2,4,6-Trinitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8330	2,4-Dinitrotoluene	ND	U	0.1	0.4	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8330	2,6-Dinitrotoluene	ND	U	0.1	0.4	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.12	0.4	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8330	2-Nitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8330	3-Nitrotoluene	ND	U	0.12	0.4	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8330	4-Nitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8330	HMX	ND	U	0.08	0.4	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8330	Nitrobenzene	ND	U	0.088	0.4	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8330	RDX	ND	U	0.08	0.4	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8330	Tetryl	ND	U	0.08	0.4	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Aluminum	ND	U	100	200	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Arsenic	ND	U	3	10	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Barium	36.7	J	5	40	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Calcium	271000		1000	4000	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Cobalt	ND	U	3	12.5	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Copper	ND	U	4	25	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Iron	602		30	100	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Lead	1.6	J	1.5	3	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Magnesium	64600		500	2000	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Manganese	802		3	15	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Nickel	ND	U	3	10	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Potassium	2190		500	2000	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Silver	ND	U	1	10	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Sodium	9680		500	2000	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Thallium	ND	U	3	10	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW6010B	Zinc	ND	U	5	20	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.1	0.2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.1	0.2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.1	0.2	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.1	0.2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.1	0.2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.1	0.2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.1	0.2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.34	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	1,2-Dichlorobenzene	ND	U	0.68	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	1,2-Diphenylhydrazine	ND	U	0.65	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	1,3-Dichlorobenzene	ND	U	0.36	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	1,4-Dichlorobenzene	ND	U	0.51	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	2,4,5-Trichlorophenol	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	2,4,6-Trichlorophenol	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	2,4-Dichlorophenol	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	2,4-Dimethylphenol	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	2,4-Dinitrophenol	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	2,4-Dinitrotoluene	ND	U	0.46	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	2,6-Dinitrotoluene	ND	U	0.62	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	2-Chloronaphthalene	ND	U	0.55	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	2-Chlorophenol	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	2-Methylnaphthalene	ND	U	0.64	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	2-Methylphenol (o-Cresol)	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	2-Nitroaniline	ND	U	1.1	24	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	2-Nitrophenol	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.84	9.4	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	3-Methylphenol	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	3-Nitroaniline	ND	U	0.99	24	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	4,6-Dinitro-2-methylphenol	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.54	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	4-Chloro-3-methylphenol	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	4-Chloroaniline	ND	U	0.9	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.84	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	4-Methylphenol (p-Cresol)	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	4-Nitroaniline	ND	U	1.9	24	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	4-Nitrophenol	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Acenaphthene	ND	U	0.59	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Acenaphthylene	ND	U	0.44	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Anthracene	ND	U	0.73	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Benzo(a)anthracene	ND	U	0.86	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Benzo(a)pyrene	ND	U	0.57	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Benzo(b)fluoranthene	ND	U	0.67	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Benzo(g,h,i)perylene	ND	UJ	1.4	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Benzo(k)fluoranthene	ND	U	0.47	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Benzoic acid	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Benzyl alcohol	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Butylbenzylphthalate	ND	U	0.77	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Carbazole	ND	U	0.65	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Chrysene	ND	U	0.95	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Di-n-octylphthalate	ND	U	0.31	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Dibenzofuran	ND	U	0.61	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Diethylphthalate	ND	U	0.96	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Dimethylphthalate	ND	U	0.7	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Fluoranthene	ND	U	0.66	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Fluorene	ND	U	0.52	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Hexachlorobenzene	ND	U	0.44	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Hexachlorobutadiene	ND	U	0.88	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Hexachlorocyclopentadiene	ND	U	0.84	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Hexachloroethane	ND	U	0.43	4.7	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Isophorone	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.85	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	N-Nitrosodimethylamine	ND	U	0.85	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	N-Nitrosodiphenylamine	ND	U	0.43	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Naphthalene	ND	U	0.42	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Nitrobenzene	ND	U	0.58	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Pentachlorophenol	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Phenanthrene	ND	U	0.73	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Phenol	-	R	-	-	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	Pyrene	ND	U	0.61	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.49	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.8	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.7	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Acetone	ND	U	1.1	10	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Toluene	ND	U	0.18	[illegible]	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Trichloroethene (TCE)	ND	U	0.28	[illegible]	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-SW05	PBOW-07-SW-AA1-SW05-A	N1	5/21/2007	13:50	0	0	WS	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8330	1,3,5-Trinitrobenzene	ND	U	0.08	0.4	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8330	1,3-Dinitrobenzene	ND	U	0.08	0.4	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8330	2,4,6-Trinitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8330	2,4-Dinitrotoluene	ND	U	0.1	0.4	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8330	2,6-Dinitrotoluene	ND	U	0.1	0.4	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.12	0.4	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8330	2-Nitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8330	3-Nitrotoluene	ND	U	0.12	0.4	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8330	4-Nitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8330	HMX	ND	U	0.08	0.4	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8330	Nitrobenzene	ND	U	0.088	0.4	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8330	RDX	ND	U	0.08	0.4	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8330	Tetryl	ND	U	0.08	0.4	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Aluminum	540		100	200	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Arsenic	ND	U	3	10	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Barium	35.6	J	5	40	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Calcium	152000		500	2000	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Cobalt	ND	U	3	12.5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Copper	ND	U	4	25	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Iron	1180	J	30	100	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Lead	6.3	J	1.5	3	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Magnesium	29600		500	2000	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Manganese	626	J	3	15	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Nickel	3.7	J	3	10	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Potassium	1620	J	500	2000	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Silver	ND	U	1	10	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Sodium	5770		500	2000	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Thallium	ND	U	3	10	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW6010B	Zinc	7	J	5	20	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.1	0.21	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.1	0.21	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.1	0.21	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.1	0.21	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.1	0.21	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.1	0.21	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.1	0.21	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.34	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	1,2-Dichlorobenzene	ND	U	0.67	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	1,3-Dichlorobenzene	ND	U	0.36	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	1,4-Dichlorobenzene	ND	U	0.5	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	2,4,5-Trichlorophenol	ND	U	0.47	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	2,4,6-Trichlorophenol	ND	U	0.68	4.7	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	2,4-Dichlorophenol	ND	U	0.41	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	2,4-Dimethylphenol	ND	U	0.66	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	2,4-Dinitrophenol	ND	U	0.79	23	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	2,4-Dinitrotoluene	ND	U	0.46	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	2,6-Dinitrotoluene	ND	U	0.62	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	2-Chlorophenol	ND	U	0.55	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	2-Methylnaphthalene	ND	U	0.64	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.78	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	2-Nitroaniline	ND	U	1.1	23	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	2-Nitrophenol	ND	U	0.69	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.83	9.3	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	3-Methylphenol	ND	U	0.72	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	3-Nitroaniline	ND	U	0.98	23	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.69	23	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	4-Chloro-3-methylphenol	ND	U	0.54	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	4-Chloroaniline	ND	U	0.89	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.83	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.72	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	4-Nitroaniline	ND	U	1.9	23	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	4-Nitrophenol	ND	U	0.78	23	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Acenaphthene	ND	U	0.59	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Acenaphthylene	ND	U	0.44	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Anthracene	ND	U	0.72	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Benzo(a)anthracene	ND	U	0.85	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Benzo(a)pyrene	ND	U	0.56	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Benzo(b)fluoranthene	ND	U	0.66	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Benzo(g,h,i)perylene	ND	UJ	1.4	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Benzo(k)fluoranthene	ND	U	0.47	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Benzoic acid	ND	U	0.37	23	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Benzyl alcohol	ND	U	0.7	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Butylbenzylphthalate	ND	U	0.77	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Carbazole	ND	U	0.64	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Chrysene	ND	U	0.94	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Di-n-octylphthalate	ND	U	0.31	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Dibenzofuran	ND	U	0.61	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Diethylphthalate	ND	U	0.95	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Dimethylphthalate	ND	U	0.69	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Fluoranthene	ND	U	0.65	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Fluorene	ND	U	0.51	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Hexachlorobenzene	ND	U	0.44	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Hexachlorobutadiene	ND	U	0.87	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Hexachlorocyclopentadiene	ND	U	0.83	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Hexachloroethane	ND	U	0.43	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Isophorone	ND	U	0.51	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.84	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	N-Nitrosodimethylamine	ND	U	0.84	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	N-Nitrosodiphenylamine	ND	U	0.43	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Naphthalene	ND	U	0.42	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Nitrobenzene	ND	U	0.58	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Pentachlorophenol	ND	U	0.93	23	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Phenanthrene	ND	U	0.72	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Phenol	ND	U	0.43	[illegible].7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	Pyrene	ND	U	0.61	[illegible].7	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.7	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Acetone	ND	U	1.1	10	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-A	N1	5/22/2007	13:45	0	0	WS	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8330	1,3,5-Trinitrobenzene	ND	U	0.072	0.36	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8330	1,3-Dinitrobenzene	ND	U	0.072	0.36	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8330	2,4,6-Trinitrotoluene	ND	U	0.072	0.36	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8330	2,4-Dinitrotoluene	ND	U	0.094	0.36	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8330	2,6-Dinitrotoluene	ND	U	0.094	0.36	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.11	0.36	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8330	2-Nitrotoluene	ND	U	0.072	0.36	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8330	3-Nitrotoluene	ND	U	0.11	0.36	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.072	0.36	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8330	4-Nitrotoluene	ND	U	0.072	0.36	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8330	HMX	ND	U	0.072	0.36	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8330	Nitrobenzene	ND	U	0.079	0.36	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8330	RDX	ND	U	0.072	0.36	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8330	Tetryl	ND	U	0.072	0.36	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Aluminum	194	J	100	200	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Arsenic	ND	U	3	10	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Barium	28.5	J	5	40	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Calcium	152000		500	2000	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Cobalt	ND	U	3	12.5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Copper	ND	U	4	25	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Iron	463	J	30	100	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Lead	ND	UJ	1.5	3	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Magnesium	29600		500	2000	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Manganese	312	J	3	15	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Nickel	ND	U	3	10	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Potassium	1450	J	500	2000	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Silver	ND	U	1	10	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Sodium	5770		500	2000	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Thallium	ND	U	3	10	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW6010B	Zinc	ND	U	5	20	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.1	0.2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.1	0.2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.1	0.2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.1	0.2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.1	0.2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.1	0.2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.1	0.2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.36	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	1,2-Dichlorobenzene	ND	U	0.73	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	1,2-Diphenylhydrazine	ND	U	0.7	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	1,3-Dichlorobenzene	ND	U	0.38	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	1,4-Dichlorobenzene	ND	U	0.54	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	2,4,5-Trichlorophenol	ND	U	0.5	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	2,4,6-Trichlorophenol	ND	U	0.74	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	2,4-Dichlorophenol	ND	U	0.44	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	2,4-Dimethylphenol	ND	U	0.72	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	2,4-Dinitrophenol	ND	U	0.86	25	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	2,4-Dinitrotoluene	ND	U	0.49	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	2,6-Dinitrotoluene	ND	U	0.67	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	2-Chloronaphthalene	ND	U	0.58	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	2-Chlorophenol	ND	U	0.6	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	2-Methylnaphthalene	ND	U	0.69	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.84	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	2-Nitroaniline	ND	U	1.2	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	2-Nitrophenol	ND	U	0.75	5	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.9	10	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	3-Methylphenol	ND	U	0.78	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	3-Nitroaniline	ND	U	1.1	25	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.75	25	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.58	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	4-Chloro-3-methylphenol	ND	U	0.58	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	4-Chloroaniline	ND	U	0.96	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.9	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.78	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	4-Nitroaniline	ND	U	2.1	25	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	4-Nitrophenol	ND	U	0.84	25	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Acenaphthene	ND	U	0.64	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Acenaphthylene	ND	U	0.47	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Anthracene	ND	U	0.78	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Benzo(a)anthracene	ND	U	0.92	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Benzo(a)pyrene	ND	U	0.61	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Benzo(b)fluoranthene	ND	U	0.72	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Benzo(g,h,i)perylene	ND	UJ	1.5	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Benzo(k)fluoranthene	ND	U	0.5	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Benzoic acid	ND	U	0.4	25	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Benzyl alcohol	ND	U	0.76	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Butylbenzylphthalate	ND	U	0.83	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Carbazole	ND	U	0.7	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Chrysene	ND	U	1	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Di-n-butylphthalate	ND	U	1.3	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Di-n-octylphthalate	ND	U	0.33	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Dibenz(a,h)anthracene	ND	U	1.7	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Dibenzofuran	ND	U	0.66	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Diethylphthalate	ND	U	1	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Dimethylphthalate	ND	U	0.75	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Fluoranthene	ND	U	0.71	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Fluorene	ND	U	0.56	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Hexachlorobenzene	ND	U	0.47	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Hexachlorobutadiene	ND	U	0.94	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Hexachlorocyclopentadiene	ND	U	0.9	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Hexachloroethane	ND	U	0.46	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.4	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Isophorone	ND	U	0.56	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.91	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	N-Nitrosodimethylamine	ND	U	0.91	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	N-Nitrosodiphenylamine	ND	U	0.46	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Naphthalene	ND	U	0.45	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Nitrobenzene	ND	U	0.63	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Pentachlorophenol	ND	U	1	25	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Phenanthrene	ND	U	0.78	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Phenol	ND	U	0.46	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	Pyrene	ND	U	0.66	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.52	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.45	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.86	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.3	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Acetone	ND	U	1.1	10	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-SW07	PBOW-07-SW-AA1-SW07-D	FD1	5/22/2007	13:45	0	0	WS	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8330	1,3,5-Trinitrobenzene	ND	U	0.08	0.4	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8330	1,3-Dinitrobenzene	ND	U	0.08	0.4	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8330	2,4,6-Trinitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8330	2,4-Dinitrotoluene	ND	U	0.1	0.4	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8330	2,6-Dinitrotoluene	ND	U	0.1	0.4	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.12	0.4	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8330	2-Nitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8330	3-Nitrotoluene	ND	U	0.12	0.4	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8330	4-Nitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8330	HMX	ND	U	0.08	0.4	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8330	Nitrobenzene	ND	U	0.088	0.4	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8330	RDX	ND	U	0.08	0.4	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8330	Tetryl	ND	U	0.08	.4	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Aluminum	1130		100	00	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Arsenic	ND	U	3	10	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Barium	54.9		5	40	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Calcium	84500		500	2000	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Cobalt	ND	U	3	12.5	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Copper	ND	U	4	25	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Iron	5480		30	100	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Lead	2.3	J	1.5	3	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Magnesium	18100		500	2000	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Manganese	495		3	15	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Nickel	4.4	J	3	10	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Potassium	3390		500	2000	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Silver	ND	U	1	10	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Sodium	7100		500	2000	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Thallium	ND	U	3	10	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW6010B	Zinc	20.5		5	20	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.12	0.24	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.12	0.24	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.12	0.24	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.12	0.24	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.12	0.24	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.12	0.24	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.12	0.24	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.33	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	1,2-Dichlorobenzene	ND	U	0.67	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	1,3-Dichlorobenzene	ND	U	0.35	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	1,4-Dichlorobenzene	ND	U	0.5	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	2,4,5-Trichlorophenol	ND	U	0.46	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	2,4,6-Trichlorophenol	ND	U	0.68	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	2,4-Dichlorophenol	ND	U	0.41	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	2,4-Dimethylphenol	ND	U	0.66	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	2,4-Dinitrophenol	ND	U	0.79	23	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	2,4-Dinitrotoluene	ND	U	0.45	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	2,6-Dinitrotoluene	ND	U	0.61	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	2-Chlorophenol	ND	U	0.55	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	2-Methylnaphthalene	ND	U	0.63	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.77	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	2-Nitroaniline	ND	U	1.1	23	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	2-Nitrophenol	ND	U	0.68	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.82	9.2	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	3-Methylphenol	ND	U	0.71	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	3-Nitroaniline	ND	U	0.97	23	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.68	23	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	4-Chloro-3-methylphenol	ND	U	0.54	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	4-Chloroaniline	ND	U	0.88	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.82	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.71	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	4-Nitroaniline	ND	U	1.9	23	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	4-Nitrophenol	ND	U	0.77	23	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Acenaphthene	ND	U	0.58	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Acenaphthylene	ND	U	0.44	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Anthracene	ND	U	0.71	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Benzo(a)anthracene	ND	U	0.84	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Benzo(a)pyrene	ND	U	0.56	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Benzo(b)fluoranthene	ND	U	0.66	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Benzo(g,h,i)perylene	ND	UJ	1.4	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Benzo(k)fluoranthene	ND	U	0.46	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Benzoic acid	ND	U	0.37	23	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Benzyl alcohol	ND	U	0.69	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Butylbenzylphthalate	ND	U	0.76	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Carbazole	ND	U	0.64	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Chrysene	ND	U	0.94	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Di-n-octylphthalate	ND	U	0.3	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Dibenzofuran	ND	U	0.6	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Diethylphthalate	ND	U	0.94	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Dimethylphthalate	ND	U	0.68	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Fluoranthene	ND	U	0.65	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Fluorene	ND	U	0.51	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Hexachlorobenzene	ND	U	0.44	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Hexachlorobutadiene	ND	U	0.86	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Hexachlorocyclopentadiene	ND	U	0.82	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Hexachloroethane	ND	U	0.42	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Isophorone	ND	U	0.51	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.83	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	N-Nitrosodimethylamine	ND	U	0.83	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	N-Nitrosodiphenylamine	ND	U	0.42	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Naphthalene	ND	U	0.42	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Nitrobenzene	ND	U	0.57	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Pentachlorophenol	ND	U	0.92	23	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Phenanthrene	ND	U	0.71	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Phenol	ND	U	0.42	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	Pyrene	ND	U	0.6	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.6	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Acetone	4.3	J	1.1	10	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-SW08	PBOW-07-SW-AA1-SW08-A	N1	5/21/2007	14:15	0	0	WS	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8330	1,3,5-Trinitrobenzene	ND	U	0.074	0.37	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8330	1,3-Dinitrobenzene	ND	U	0.074	0.37	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8330	2,4,6-Trinitrotoluene	ND	U	0.074	0.37	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8330	2,4-Dinitrotoluene	ND	U	0.096	0.37	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8330	2,6-Dinitrotoluene	ND	U	0.096	0.37	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.11	0.37	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8330	2-Nitrotoluene	ND	U	0.074	0.37	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8330	3-Nitrotoluene	ND	U	0.11	0.37	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.074	0.37	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8330	4-Nitrotoluene	ND	U	0.074	0.37	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8330	HMX	ND	U	0.074	0.37	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8330	Nitrobenzene	ND	U	0.081	0.37	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8330	RDX	ND	U	0.074	0.37	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8330	Tetryl	ND	U	0.074	0.37	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Aluminum	317		100	200	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Arsenic	5.2	J	3	10	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Barium	73		5	40	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Calcium	127000		500	2000	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Cobalt	ND	U	3	12.5	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Copper	ND	U	4	25	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Iron	1170		30	100	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Lead	ND	U	1.5	3	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Magnesium	36600		500	2000	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Manganese	804		3	15	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Nickel	5.2	J	3	10	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Potassium	4060		500	2000	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Silver	ND	U	1	10	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Sodium	7690		500	2000	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Thallium	ND	U	3	10	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW6010B	Zinc	ND	U	5	20	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.1	0.2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.1	0.2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.1	0.2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.1	0.2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.1	0.2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.1	0.2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.1	0.2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.34	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	1,2-Dichlorobenzene	ND	U	0.67	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	1,3-Dichlorobenzene	ND	U	0.36	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	1,4-Dichlorobenzene	ND	U	0.5	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	2,4,5-Trichlorophenol	-	R	-	-	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	2,4,6-Trichlorophenol	-	R	-	-	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	2,4-Dichlorophenol	-	R	-	-	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	2,4-Dimethylphenol	-	R	-	-	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	2,4-Dinitrophenol	-	R	-	-	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	2,4-Dinitrotoluene	ND	U	0.46	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	2,6-Dinitrotoluene	ND	U	0.62	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	2-Chlorophenol	-	R	-	-	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	2-Methylnaphthalene	ND	U	0.64	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	2-Methylphenol (o-Cresol)	-	R	-	-	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	2-Nitroaniline	ND	U	1.1	23	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	2-Nitrophenol	-	R	-	-	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.83	9.3	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	3-Methylphenol	-	R	-	-	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	3-Nitroaniline	ND	U	0.98	23	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	4,6-Dinitro-2-methylphenol	-	R	-	-	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	4-Chloro-3-methylphenol	ND	U	0.54	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	4-Chloroaniline	ND	U	0.89	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.83	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	4-Methylphenol (p-Cresol)	-	R	-	-	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	4-Nitroaniline	ND	U	1.9	23	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	4-Nitrophenol	-	R	-	-	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Acenaphthene	ND	U	0.59	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Acenaphthylene	ND	U	0.44	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Anthracene	ND	U	0.72	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Benzo(a)anthracene	ND	U	0.85	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Benzo(a)pyrene	ND	U	0.56	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Benzo(b)fluoranthene	ND	U	0.66	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Benzo(g,h,i)perylene	ND	UJ	1.4	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Benzo(k)fluoranthene	ND	U	0.47	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Benzoic acid	-	R	-	-	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Benzyl alcohol	-	R	-	-	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Butylbenzylphthalate	ND	U	0.77	4.7	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Carbazole	ND	U	0.64	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Chrysene	ND	U	0.94	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Di-n-octylphthalate	ND	U	0.31	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Dibenzofuran	ND	U	0.61	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Diethylphthalate	ND	U	0.95	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Dimethylphthalate	ND	U	0.69	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Fluoranthene	ND	U	0.65	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Fluorene	ND	U	0.51	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Hexachlorobenzene	ND	U	0.44	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Hexachlorobutadiene	ND	U	0.87	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Hexachlorocyclopentadiene	ND	U	0.83	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Hexachloroethane	ND	U	0.43	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Isophorone	-	R	-	-	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.84	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	N-Nitrosodimethylamine	ND	U	0.84	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	N-Nitrosodiphenylamine	ND	U	0.43	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Naphthalene	ND	U	0.42	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Nitrobenzene	ND	U	0.58	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Pentachlorophenol	-	R	-	-	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Phenanthrene	ND	U	0.72	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Phenol	-	R	-	-	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	Pyrene	ND	U	0.61	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.7	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Acetone	2.9	J	1.1	10	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Chloroform	ND	U	0.1	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-SW09	PBOW-07-SW-AA1-SW09-A	N1	5/21/2007	14:40	0	0	WS	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8330	1,3,5-Trinitrobenzene	ND	U	0.086	0.43	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8330	1,3-Dinitrobenzene	ND	U	0.086	0.43	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8330	2,4,6-Trinitrotoluene	ND	U	0.086	0.43	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8330	2,4-Dinitrotoluene	ND	U	0.11	0.43	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8330	2,6-Dinitrotoluene	ND	U	0.11	0.43	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.13	0.43	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8330	2-Nitrotoluene	ND	U	0.086	0.43	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8330	3-Nitrotoluene	ND	U	0.2	0.86	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.086	0.43	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8330	4-Nitrotoluene	ND	U	0.086	0.43	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8330	HMX	ND	U	0.086	0.43	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8330	Nitrobenzene	ND	U	0.095	0.43	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8330	RDX	ND	U	0.086	0.43	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8330	Tetryl	ND	U	0.086	0.43	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Aluminum	10200		100	200	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Arsenic	49.3		3	10	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Barium	194		5	40	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Calcium	124000		500	2000	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Chromium	12.7		2	10	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Cobalt	11.2	J	3	12.5	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Copper	21.9	J	4	25	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Iron	50000		30	100	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Lead	29.9		1.5	3	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Magnesium	31400		500	2000	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Manganese	888		3	15	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Nickel	22.6		3	10	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Potassium	13700		500	2000	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Selenium	3.8	J	3	5	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Silver	ND	U	1	10	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Sodium	12000		500	2000	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Thallium	ND	U	3	10	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Vanadium	19		3	12.5	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW6010B	Zinc	71.6		5	[illegible]0	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW7470A	Mercury	0.11	J	0.08	[illegible].2	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.11	0.22	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.11	0.22	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.11	0.22	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.11	0.22	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.11	0.22	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.11	0.22	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.11	0.22	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.33	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	1,2-Dichlorobenzene	ND	U	0.67	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	1,3-Dichlorobenzene	ND	U	0.35	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	1,4-Dichlorobenzene	ND	U	0.5	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	2,4,5-Trichlorophenol	-	R	-	-	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	2,4,6-Trichlorophenol	-	R	-	-	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	2,4-Dichlorophenol	-	R	-	-	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	2,4-Dimethylphenol	-	R	-	-	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	2,4-Dinitrophenol	-	R	-	-	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	2,4-Dinitrotoluene	ND	U	0.45	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	2,6-Dinitrotoluene	ND	U	0.61	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	2-Chlorophenol	-	R	-	-	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	2-Methylnaphthalene	ND	U	0.63	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	2-Methylphenol (o-Cresol)	0.95	J	0.77	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	2-Nitroaniline	ND	U	1.1	23	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	2-Nitrophenol	-	R	-	-	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.82	9.2	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	3-Methylphenol	18	J	0.71	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	3-Nitroaniline	ND	U	0.97	23	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	4,6-Dinitro-2-methylphenol	-	R	-	-	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	4-Chloro-3-methylphenol	-	R	-	-	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	4-Chloroaniline	ND	U	0.88	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.82	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	4-Methylphenol (p-Cresol)	18	J	0.71	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	4-Nitroaniline	ND	U	1.9	23	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	4-Nitrophenol	-	R	-	-	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Acenaphthene	ND	U	0.58	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Acenaphthylene	ND	U	0.44	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Anthracene	ND	U	0.71	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Benzo(a)anthracene	ND	U	0.84	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Benzo(a)pyrene	ND	U	0.56	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Benzo(b)fluoranthene	ND	U	0.66	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Benzo(g,h,i)perylene	ND	UJ	1.4	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Benzo(k)fluoranthene	ND	U	0.46	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Benzoic acid	-	R	-	-	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Benzyl alcohol	-	R	-	-	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Butylbenzylphthalate	ND	U	0.76	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Carbazole	ND	U	0.64	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Chrysene	ND	U	0.94	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Di-n-octylphthalate	ND	U	0.3	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Dibenzofuran	ND	U	0.6	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Diethylphthalate	ND	U	0.94	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Dimethylphthalate	ND	U	0.68	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Fluoranthene	ND	U	0.65	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Fluorene	ND	U	0.51	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Hexachlorobenzene	ND	U	0.44	4.6	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Hexachlorobutadiene	ND	U	0.86	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Hexachlorocyclopentadiene	ND	U	0.82	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Hexachloroethane	ND	U	0.42	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Isophorone	-	R	-	-	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.83	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	N-Nitrosodimethylamine	ND	U	0.83	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	N-Nitrosodiphenylamine	ND	U	0.42	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Naphthalene	ND	U	0.42	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Nitrobenzene	ND	U	0.57	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Pentachlorophenol	-	R	-	-	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Phenanthrene	ND	U	0.71	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Phenol	0.65	J	0.42	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	Pyrene	ND	U	0.6	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.6	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	2-Butanone (Methyl ethyl ketone)	2.5	J	1.2	10	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Acetone	22		1.1	10	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Toluene	ND	U	0.32	1.24	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-SW10	PBOW-07-SW-AA1-SW10-A	N1	5/21/2007	15:00	0	0	WS	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8330	1,3,5-Trinitrobenzene	ND	U	0.08	0.4	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8330	1,3-Dinitrobenzene	ND	U	0.08	0.4	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8330	2,4,6-Trinitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8330	2,4-Dinitrotoluene	ND	U	0.1	0.4	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8330	2,6-Dinitrotoluene	ND	U	0.1	0.4	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.12	0.4	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8330	2-Nitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8330	3-Nitrotoluene	ND	U	0.12	0.4	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8330	4-Nitrotoluene	ND	U	0.08	0.4	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8330	HMX	ND	U	0.08	0.4	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8330	Nitrobenzene	ND	U	0.088	0.4	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8330	RDX	0.081	J	0.08	0.4	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8330	Tetryl	0.24	J	0.08	0.4	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Aluminum	706		100	200	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Arsenic	ND	U	3	10	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Barium	59.4		5	40	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Calcium	169000		500	2000	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Cobalt	ND	U	3	12.5	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Copper	ND	U	4	25	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Iron	1610		30	100	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Lead	ND	U	1.5	3	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Magnesium	31000		500	2000	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Manganese	247		3	15	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Nickel	3.4	J	3	10	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Potassium	5460		500	2000	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Silver	ND	U	1	10	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Sodium	8900		500	2000	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Thallium	ND	U	3	10	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW6010B	Zinc	8.7	J	5	20	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.1	0.2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.1	0.2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.1	0.2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.1	0.2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.1	0.2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.1	0.2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.1	0.2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.33	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	1,2-Dichlorobenzene	ND	U	0.67	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	1,3-Dichlorobenzene	ND	U	0.35	4.6	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	1,4-Dichlorobenzene	ND	U	0.5	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	2,4,5-Trichlorophenol	ND	UJ	0.46	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	2,4,6-Trichlorophenol	-	R	-	-	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	2,4-Dichlorophenol	ND	UJ	0.41	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	2,4-Dimethylphenol	ND	U	0.66	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	2,4-Dinitrophenol	-	R	-	-	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	2,4-Dinitrotoluene	ND	U	0.45	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	2,6-Dinitrotoluene	ND	U	0.61	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	2-Chlorophenol	ND	UJ	0.55	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	2-Methylnaphthalene	ND	U	0.63	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.77	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	2-Nitroaniline	ND	U	1.1	23	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	2-Nitrophenol	ND	UJ	0.68	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.82	9.2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	3-Methylphenol	ND	U	0.71	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	3-Nitroaniline	ND	U	0.97	23	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	4,6-Dinitro-2-methylphenol	-	R	-	-	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	4-Chloro-3-methylphenol	ND	U	0.54	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	4-Chloroaniline	ND	U	0.88	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.82	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.71	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	4-Nitroaniline	ND	U	1.9	23	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	4-Nitrophenol	-	R	-	-	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Acenaphthene	ND	U	0.58	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Acenaphthylene	ND	U	0.44	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Anthracene	ND	U	0.71	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Benzo(a)anthracene	ND	U	0.84	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Benzo(a)pyrene	ND	U	0.56	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Benzo(b)fluoranthene	ND	U	0.66	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Benzo(k)fluoranthene	ND	U	0.46	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Benzoic acid	-	R	-	-	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Benzyl alcohol	ND	U	0.69	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Butylbenzylphthalate	ND	U	0.76	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Carbazole	ND	U	0.64	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Chrysene	ND	U	0.94	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Di-n-octylphthalate	ND	U	0.3	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Dibenzofuran	ND	U	0.6	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Diethylphthalate	ND	U	0.94	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Dimethylphthalate	ND	U	0.68	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Fluoranthene	ND	U	0.65	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Fluorene	ND	U	0.51	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Hexachlorobenzene	ND	U	0.44	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Hexachlorobutadiene	ND	U	0.86	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Hexachlorocyclopentadiene	ND	UJ	0.82	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Hexachloroethane	ND	U	0.42	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Isophorone	ND	U	0.51	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.83	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	N-Nitrosodimethylamine	ND	U	0.83	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	N-Nitrosodiphenylamine	ND	U	0.42	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Naphthalene	ND	U	0.42	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Nitrobenzene	ND	U	0.57	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Pentachlorophenol	-	R	-	-	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Phenanthrene	ND	U	0.71	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Phenol	ND	UJ	0.42	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	Pyrene	ND	U	0.6	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.6	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	1,1,1-Trichloroethane	14		0.15	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	1,1-Dichloroethane	3.9		0.15	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Acetone	ND	U	1.1	10	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Trichloroethene (TCE)	4.9		0.28	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	cis-1,2-Dichloroethene	0.91	J	0.44	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-SW11	PBOW-07-SW-AA1-SW11-A	N1	5/22/2007	11:20	0	0	WS	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8330	1,3,5-Trinitrobenzene	ND	U	0.076	0.38	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8330	1,3-Dinitrobenzene	ND	U	0.076	0.38	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8330	2,4,6-Trinitrotoluene	ND	U	0.076	0.38	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8330	2,4-Dinitrotoluene	ND	U	0.099	0.38	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8330	2,6-Dinitrotoluene	ND	U	0.099	0.38	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.11	0.38	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8330	2-Nitrotoluene	ND	U	0.076	0.38	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8330	3-Nitrotoluene	ND	U	0.11	0.38	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.076	0.38	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8330	4-Nitrotoluene	ND	U	0.076	0.38	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8330	HMX	ND	U	0.076	0.38	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8330	Nitrobenzene	ND	U	0.084	0.38	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8330	RDX	ND	U	0.076	0.38	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8330	Tetryl	ND	U	0.076	0.38	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Aluminum	876		100	200	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Arsenic	4	J	3	10	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Barium	119		5	40	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Calcium	177000		500	2000	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Chromium	ND	U	2	10	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Cobalt	ND	U	3	12.5	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Copper	ND	U	4	25	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Iron	6810		30	100	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Lead	ND	U	1.5	3	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Magnesium	36800		500	2000	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Manganese	2320		3	15	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Nickel	3.6	J	3	10	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Potassium	4200		500	2000	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Silver	ND	U	1	10	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Sodium	7970		500	2000	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Thallium	3.7	J	3	10	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW6010B	Zinc	10.6	J	5	20	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.1	0.2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.1	0.2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.1	0.2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.1	0.2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.1	0.2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.1	0.2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.1	0.2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.34	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	1,2-Dichlorobenzene	ND	U	0.67	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	1,3-Dichlorobenzene	ND	U	0.36	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	1,4-Dichlorobenzene	ND	U	0.5	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	2,4,5-Trichlorophenol	ND	U	0.47	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	2,4,6-Trichlorophenol	ND	U	0.68	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	2,4-Dichlorophenol	ND	U	0.41	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	2,4-Dimethylphenol	ND	U	0.66	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	2,4-Dinitrophenol	ND	U	0.79	23	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	2,4-Dinitrotoluene	ND	U	0.46	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	2,6-Dinitrotoluene	ND	U	0.62	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	2-Chlorophenol	ND	U	0.55	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	2-Methylnaphthalene	ND	U	0.64	4.7	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.78	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	2-Nitroaniline	ND	U	1.1	23	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	2-Nitrophenol	ND	U	0.69	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.83	9.3	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	3-Methylphenol	ND	U	0.72	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	3-Nitroaniline	ND	U	0.98	23	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.69	23	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	4-Chloro-3-methylphenol	ND	U	0.54	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	4-Chloroaniline	ND	U	0.89	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.83	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.72	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	4-Nitroaniline	ND	U	1.9	23	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	4-Nitrophenol	ND	U	0.78	23	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Acenaphthene	ND	U	0.59	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Acenaphthylene	ND	U	0.44	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Anthracene	ND	U	0.72	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Benzo(a)anthracene	ND	U	0.85	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Benzo(a)pyrene	ND	U	0.56	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Benzo(b)fluoranthene	ND	U	0.66	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Benzo(k)fluoranthene	ND	U	0.47	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Benzoic acid	ND	U	0.37	23	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Benzyl alcohol	ND	U	0.7	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Butylbenzylphthalate	ND	U	0.77	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Carbazole	ND	U	0.64	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Chrysene	ND	U	0.94	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Di-n-octylphthalate	ND	U	0.31	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Dibenzofuran	ND	U	0.61	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Diethylphthalate	ND	U	0.95	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Dimethylphthalate	ND	U	0.69	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Fluoranthene	ND	U	0.65	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Fluorene	ND	U	0.51	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Hexachlorobenzene	ND	U	0.44	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Hexachlorobutadiene	ND	U	0.87	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Hexachlorocyclopentadiene	ND	U	0.83	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Hexachloroethane	ND	U	0.43	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Isophorone	ND	U	0.51	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.84	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	N-Nitrosodimethylamine	ND	U	0.84	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	N-Nitrosodiphenylamine	ND	U	0.43	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Naphthalene	ND	U	0.42	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Nitrobenzene	ND	U	0.58	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Pentachlorophenol	ND	U	0.93	23	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Phenanthrene	ND	U	0.72	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Phenol	ND	U	0.43	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	Pyrene	ND	U	0.61	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.7	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	1,1,1-Trichloroethane	4.9		0.15	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	1,1-Dichloroethane	2.6		0.15	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Acetone	6.9	J	1.1	10	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Carbon tetrachloride	0.46	J	0.14	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Chloroform	0.15	J	0.1	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Trichloroethene (TCE)	1.7		0.28	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-SW12	PBOW-07-SW-AA1-SW12-A	N1	5/22/2007	11:50	0	0	WS	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8330	1,3,5-Trinitrobenzene	ND	U	0.082	0.41	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8330	1,3-Dinitrobenzene	ND	U	0.082	0.41	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8330	2,4,6-Trinitrotoluene	ND	U	0.082	0.41	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8330	2,4-Dinitrotoluene	ND	U	0.11	0.41	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8330	2,6-Dinitrotoluene	ND	U	0.11	0.41	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.12	0.41	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8330	2-Nitrotoluene	ND	U	0.082	0.41	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8330	3-Nitrotoluene	ND	U	0.12	0.41	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.082	0.41	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8330	4-Nitrotoluene	ND	U	0.082	0.41	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8330	HMX	ND	U	0.082	.41	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8330	Nitrobenzene	ND	U	0.09	.41	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8330	RDX	ND	U	0.082	0.41	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8330	Tetryl	ND	U	0.082	0.41	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Aluminum	1190		100	200	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Antimony	ND	U	5	15	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Arsenic	ND	U	3	10	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Barium	35.3	J	5	40	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Calcium	122000		500	2000	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Chromium	2.1	J	2	10	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Cobalt	ND	U	3	12.5	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Copper	ND	U	4	25	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Iron	1760		30	100	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Lead	ND	U	1.5	3	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Magnesium	24900		500	2000	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Manganese	408		3	15	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Nickel	ND	U	3	10	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Potassium	957	J	500	2000	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Selenium	ND	U	3	5	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Silver	ND	U	1	10	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Sodium	19300		500	2000	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Thallium	ND	U	3	10	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Vanadium	3.3	J	3	12.5	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW6010B	Zinc	ND	U	5	20	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.11	0.23	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.11	0.23	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.11	0.23	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.11	0.23	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.11	0.23	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.11	0.23	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.11	0.23	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.33	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	1,2-Dichlorobenzene	ND	U	0.67	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	1,3-Dichlorobenzene	ND	U	0.35	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	1,4-Dichlorobenzene	ND	U	0.5	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	2,4,5-Trichlorophenol	ND	UJ	0.46	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	2,4,6-Trichlorophenol	ND	UJ	0.68	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	2,4-Dichlorophenol	ND	UJ	0.41	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	2,4-Dimethylphenol	ND	UJ	0.66	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	2,4-Dinitrophenol	ND	UJ	0.79	23	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	2,4-Dinitrotoluene	ND	U	0.45	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	2,6-Dinitrotoluene	ND	U	0.61	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	2-Chlorophenol	ND	UJ	0.55	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	2-Methylnaphthalene	ND	U	0.63	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	0.77	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	2-Nitroaniline	ND	U	1.1	23	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	2-Nitrophenol	ND	UJ	0.68	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.82	9.2	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	3-Methylphenol	ND	UJ	0.71	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	3-Nitroaniline	ND	U	0.97	23	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	0.68	23	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	4-Chloro-3-methylphenol	ND	UJ	0.54	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	4-Chloroaniline	ND	U	0.88	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.82	4.6	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	0.71	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	4-Nitroaniline	ND	U	1.9	23	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	4-Nitrophenol	ND	UJ	0.77	23	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Acenaphthene	ND	U	0.58	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Acenaphthylene	ND	U	0.44	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Anthracene	ND	U	0.71	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Benzo(a)anthracene	ND	U	0.84	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Benzo(a)pyrene	ND	U	0.56	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Benzo(b)fluoranthene	ND	U	0.66	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Benzo(g,h,i)perylene	ND	UJ	1.4	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Benzo(k)fluoranthene	ND	U	0.46	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Benzoic acid	ND	UJ	0.37	23	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Benzyl alcohol	ND	UJ	0.69	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Butylbenzylphthalate	ND	U	0.76	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Carbazole	ND	U	0.64	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Chrysene	ND	U	0.94	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Di-n-octylphthalate	ND	U	0.3	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Dibenzofuran	ND	U	0.6	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Diethylphthalate	ND	U	0.94	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Dimethylphthalate	ND	U	0.68	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Fluoranthene	ND	U	0.65	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Fluorene	ND	U	0.51	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Hexachlorobenzene	ND	U	0.44	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Hexachlorobutadiene	ND	U	0.86	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Hexachlorocyclopentadiene	ND	U	0.82	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Hexachloroethane	ND	U	0.42	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Isophorone	ND	UJ	0.51	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.83	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	N-Nitrosodimethylamine	ND	U	0.83	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	N-Nitrosodiphenylamine	ND	U	0.42	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Naphthalene	ND	U	0.42	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Nitrobenzene	ND	U	0.57	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Pentachlorophenol	ND	UJ	0.92	23	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Phenanthrene	ND	U	0.71	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Phenol	ND	UJ	0.42	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	Pyrene	ND	U	0.6	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.6	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Acetone	ND	U	1.1	10	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Benzene	ND	U	0.11	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Bromomethane	ND	U	0.33	2	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Cyclohexane	ND	U	0.18	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Ethylbenzene	ND	U	0.14	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Methylcyclohexane	ND	U	0.2	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	Xylenes, Total	ND	U	0.21	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1-SW14	PBOW-07-SW-AA1-SW14-A	N1	5/21/2007	15:30	0	0	WS	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	E310.1	Alkalinity, Carbonate (as CACO3)	684		1	2	mg/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	E300	Chloride (as Cl)	2700		10	25	mg/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW9012A	Cyanide	ND	U	8	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	E200.7	Hardness (as CACO3)	1660		2.6	10	mg/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	E353.2	Nitrogen, Nitrate-Nitrite	0.28	J	0.25	0.75	mg/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	E300	Sulfate (as SO4)	7.1		2.5	5	mg/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	E160.2	Suspended Solids (residue, Non-filterable)	10.8		4	4	mg/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	E160.1	Total Dissolved Solids	5980		20	20	mg/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW9060	Total Organic Carbon	1.6		0.5	1.5	mg/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	E180.1	Turbidity	1.1	J	1	20	NTU
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	UJ	0.074	0.37	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	UJ	0.074	0.37	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	UJ	0.074	0.37	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	UJ	0.096	0.37	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	UJ	0.096	0.37	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	0.11	0.37	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8330	2-Nitrotoluene	ND	UJ	0.074	0.37	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8330	3-Nitrotoluene	0.18	J	0.11	0.37	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	0.074	0.37	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8330	4-Nitrotoluene	ND	UJ	0.074	0.37	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8330	HMX	ND	UJ	0.074	0.37	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8330	Nitrobenzene	ND	UJ	0.081	0.37	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8330	RDX	ND	UJ	0.074	0.37	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8330	Tetryl	ND	UJ	0.074	0.37	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Aluminum	ND	U	75	200	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Antimony	ND	U	5	15	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Arsenic	ND	U	3	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Barium	296		5	40	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Beryllium	ND	U	1	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Cadmium	ND	U	1	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Calcium	281000		1000	4000	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Chromium	ND	U	2	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Cobalt	ND	U	3	12.5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Copper	ND	UJ	4	25	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Iron	ND	U	30	100	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Lead	ND	U	1.5	3	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Magnesium	216000		500	2000	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Manganese	114		3	15	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Nickel	ND	U	3	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Potassium	91900		500	2000	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Selenium	ND	U	3	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Silver	ND	U	1	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Sodium	1210000		5000	20000	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Thallium	ND	U	3	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Vanadium	ND	U	3	12.5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Zinc	ND	U	5	20	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW7470A	Mercury	ND	U	0.08	0.2	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Aluminum (total)	ND	U	75	200	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Antimony (total)	ND	U	5	15	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Arsenic (total)	ND	U	3	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Barium (total)	327		5	40	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Beryllium (total)	ND	U	1	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Cadmium (total)	ND	U	1	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Calcium (total)	300000		1000	4000	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Chromium (total)	ND	U	2	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Cobalt (total)	ND	U	3	12.5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Copper (total)	ND	UJ	4	25	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Iron (total)	127		30	100	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Lead (total)	ND	U	1.5	3	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Magnesium (total)	221000		500	2000	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Manganese (total)	175		3	15	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Nickel (total)	ND	U	3	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Potassium (total)	93600		500	2000	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Selenium (total)	ND	U	3	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Silver (total)	ND	U	1	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Sodium (total)	1250000		5000	20000	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Thallium (total)	4.7	J	3	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Vanadium (total)	ND	U	3	12.5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW6010B	Zinc (total)	8.8	J	5	20	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	U	6.2	25	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	U	6.2	25	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	U	6.2	25	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	U	6.2	25	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.12	0.5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.12	0.5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.12	0.5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.34	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	1,2-Dichlorobenzene	ND	U	0.68	4.7	ug/L
AA1MNTA-BEDGW[illegible]	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.65	[illegible].7	ug/L
AA1MNTA-BEDG[illegible]	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	1,3-Dichlorobenzene	ND	U	0.36	[illegible].7	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	1,4-Dichlorobenzene	ND	U	0.51	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.47	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.69	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.42	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	0.67	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	0.8	24	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2,4-Dinitrotoluene	ND	U	0.46	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2,6-Dinitrotoluene	ND	U	0.62	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.55	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.56	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2-Methylnaphthalene	13		0.64	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.78	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.1	24	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.7	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	0.84	9.4	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	3-Methylphenol	ND	U	0.73	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	3-Nitroaniline	ND	U	0.99	24	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.7	24	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.54	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.55	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	4-Chloroaniline	ND	U	0.9	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.84	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.73	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	4-Nitroaniline	ND	U	1.9	24	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	4-Nitrophenol	ND	U	0.78	24	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Acenaphthene	ND	U	0.59	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.44	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Anthracene	ND	U	0.73	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Benzo(a)anthracene	ND	UJ	0.86	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.57	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.67	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.47	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Benzoic acid	ND	U	0.38	24	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.71	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Butylbenzylphthalate	ND	UJ	0.77	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Carbazole	ND	U	0.65	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Chrysene	ND	UJ	0.95	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	0.31	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.61	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Diethylphthalate	ND	U	0.96	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.7	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Fluoranthene	ND	U	0.66	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Fluorene	ND	U	0.52	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.44	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	0.88	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	0.84	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.43	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Isophorone	ND	U	0.52	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.85	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	U	0.85	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.43	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Naphthalene	9.9		0.42	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Nitrobenzene	ND	U	0.58	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Pentachlorophenol	ND	U	0.94	24	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Phenanthrene	ND	U	0.73	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Phenol	ND	U	0.43	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	Pyrene	ND	UJ	0.61	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.49	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.8	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	2	J	1.2	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	0.6	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.65	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.55	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.5	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.55	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	0.65	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	2.8	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	2.8	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.45	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.7	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.55	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.65	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.55	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	1.9	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.5	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	7.2	50	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	2-Hexanone	ND	U	0.9	25	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.8	25	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Acetone	ND	U	8.4	50	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Benzene	76		0.6	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.75	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.6	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Bromoform	ND	U	0.65	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Bromomethane	ND	U	0.65	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.75	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.55	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.5	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Chloroethane	ND	U	0.7	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Chloroform	ND	U	0.65	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Chloromethane	ND	U	1.4	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Cyclohexane	530		0.6	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.7	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	1.2	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Ethylbenzene	49		1.8	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	18		0.55	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Methyl Acetate	ND	U	1.8	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Methylcyclohexane	490		0.6	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Methylene Chloride	ND	U	1.2	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Styrene	ND	U	0.45	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.5	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.5	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Toluene	97		0.8	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	1.2	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.6	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Vinyl chloride	ND	U	1	10	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	Xylenes, Total	450		2.4	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.7	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.4	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.75	5	ug/L
AA1MNTA-BEDGW001	PBOW-07-AA1-MNTA-BED-GW001-A	N1	11/8/2007	8:30	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.6	5	ug/L
AA1MNTA-BEDG	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SM2320B	Alkalinity, Total (as CaCO3)	630		1	1	mg/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SM2540D	Suspended Solids (residue, Non-filterable)	4	J	4	4	mg/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SM2540C	Total Dissolved Solids	5280		20	20	mg/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW9060	Total Organic Carbon	2.5		0.5	1.5	mg/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	E300.0	Chloride (as Cl)	2870		4	10	mg/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW9012A	Cyanide	ND	U	5	10	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	E200.7	Hardness (as CACO3)	1640		1.3	5	mg/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	E300.0	Nitrogen, Nitrate (as N)	ND	U	0.05	0.15	mg/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	E300.0	Nitrogen, Nitrite	0.26		0.05	0.25	mg/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	E300.0	Sulfate (as SO4)	0.83		0.25	0.5	mg/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	E180.1	Turbidity	273		10	200	NTU
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	UJ	0.13	0.38	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	UJ	0.09	0.38	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	UJ	0.13	0.38	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	UJ	0.13	0.38	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	UJ	0.13	0.38	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	0.13	0.38	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8330	2-Nitrotoluene	ND	UJ	0.13	0.38	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8330	3-Nitrotoluene	0.54	J	0.13	0.38	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	0.13	0.38	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8330	4-Nitrotoluene	ND	UJ	0.13	0.38	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8330	HMX	ND	UJ	0.13	0.38	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8330	Nitrobenzene	ND	UJ	0.083	0.38	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8330	RDX	ND	UJ	0.13	0.38	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8330	Tetryl	ND	UJ	0.13	0.38	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Aluminum (total)	ND	U	75	200	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Antimony (total)	ND	U	5	15	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Arsenic (total)	ND	U	3	10	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Barium (total)	326		5	40	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Beryllium (total)	ND	U	1	5	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Cadmium (total)	ND	U	1	5	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Calcium (total)	300000		2500	10000	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Chromium (total)	15.9		2	10	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Cobalt (total)	ND	U	3	12.5	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Copper (total)	ND	U	4	25	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Iron (total)	480		30	100	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Lead (total)	ND	U	1.5	3	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Magnesium (total)	218000		500	2000	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Manganese (total)	100		3	15	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW7470A	Mercury (total)	ND	U	0.08	0.2	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Nickel (total)	ND	U	3	10	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Potassium (total)	95900		500	2000	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Selenium (total)	ND	U	3	5	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Silver (total)	ND	U	1	10	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Sodium (total)	1200000		5000	20000	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Thallium (total)	ND	U	3	10	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Vanadium (total)	4.8	J	3	12.5	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW6010C	Zinc (total)	6.7	J	5	20	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	0.12	0.47	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	0.12	0.47	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	0.12	0.47	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	0.12	0.47	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	0.12	0.47	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	0.12	0.47	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	0.12	0.47	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	0.47	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.68	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	0.41	4.7	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	0.66	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	0.79	23	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.55	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	2-Methylnaphthalene	17		0.64	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.78	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	2-Nitroaniline	ND	U	1.1	23	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.69	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.83	9.3	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	3-Methylphenol	ND	U	0.72	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	3-Nitroaniline	ND	U	0.98	23	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.69	23	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	0.54	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	4-Chloroaniline	ND	U	0.89	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.83	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.72	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	4-Nitroaniline	ND	U	1.9	23	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	4-Nitrophenol	ND	U	0.78	23	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Acenaphthene	ND	U	0.59	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.44	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Anthracene	ND	U	0.72	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	0.85	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.56	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.66	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.47	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Benzoic acid	ND	U	0.37	23	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Benzyl alcohol	ND	U	0.7	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	0.77	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Carbazole	ND	U	0.64	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Chrysene	ND	U	0.94	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	0.31	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.61	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Diethylphthalate	ND	U	0.95	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.69	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Fluoranthene	ND	U	0.65	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Fluorene	ND	U	0.51	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.44	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	0.87	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	0.83	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.43	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Isophorone	ND	U	0.51	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.84	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	N-Nitrosodimethylamine	ND	UJ	0.84	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.43	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Naphthalene	13		0.42	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Pentachlorophenol	ND	U	0.93	23	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Phenanthrene	ND	U	0.72	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Phenol	ND	U	0.43	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	Pyrene	ND	U	0.61	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.7	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.34	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.67	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.36	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.5	4.7	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	2-Hexanone	ND	U	0.83	5	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Acetone	ND	U	1.1	10	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Benzene	17		0.11	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.31	2	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.086	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Bromoform	ND	U	0.24	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Bromomethane	ND	UJ	0.33	2	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.13	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.28	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Chloroethane	ND	U	0.38	2	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Chloroform	ND	U	0.1	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Chloromethane	ND	U	0.4	2	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Cyclohexane	140		0.18	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.08	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Ethylbenzene	13		0.14	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	4		0.034	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Methyl Acetate	ND	U	0.87	2	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Methylcyclohexane	66		0.2	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Methylene Chloride	ND	U	0.26	2	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Styrene	ND	U	0.22	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Toluene	28		0.18	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.19	2	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	Xylenes, Total	140		0.21	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ug/L
AA1MNTA-BEDGW001	PBOW-08-GW-AA1-MNTABEDGW001-A	N1	5/5/2008	13:00	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ug/L

Data Source: Jacobs, 11 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

FD1 = field duplicate sample

mg/L = milligrams per liter

Plum Brook Ordnance Works - Acid Area 1 Validated Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units

mg/Kg = milligrams per kilogram
N1 = field sample
ND = nondetect
NTU = nephelometric turbidity units
R = rejected data point
U = nondetect
UJ = estimated nondetect
ug/L = micrograms per liter
ug/Kg = micrograms per kilogram

Appendix K
Chemical Quality Assurance Report

Chemical Quality Assurance Report

Acid Area 1
Remedial Investigation, Part 1
Former Plum Brook Ordinance Works
Sandusky, OH

April 2007 – May 2008 Sampling Events

Presented by:

Jacobs Engineering Group Inc.
125 Broadway Avenue
Oak Ridge, Tennessee 37830

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ABBREVIATIONS AND ACRONYMS

CQAR	Chemical Quality Assurance Report
COC	Chain of Custody
%D	Percent Difference
DL	Detection Limit
DQO	Data Quality Objective
EM	Engineering Manual
EPA	Environmental Protection Agency
FID	Flame Ionization Detector
GC	Gas Chromatograph or Gas Chromatography
HTRW	Hazardous, Toxic, Radioactive Waste
ICAP	Inductively Coupled Argon Plasma Spectrophotometer
ISA	Internal Standard Area
LCS	Laboratory Control Sample
MDL	Method Detection Limit
mg/L	milligram per Liter
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PARCC	Precision, Accuracy, Representativeness, Comparability, and Completeness
PAH	Polycyclic Aromatic Hydrocarbon
PBOW	Plum Brook Ordnance Works
PCB	Polychlorinated Biphenyl
QA	Quality Assurance
QC	Quality Control
%R	Percent Recovery
RL	Reporting Limit
RPD	Relative Percent Difference
SB	Soil Boring
SDG	Sample Delivery Group
SVOC	Semivolatile Organic Compound
SW-846	Solid Waste Analytical Protocols
TAL	Target Analyte List
TCL	Target Compound List
µg/L	microgram per Liter
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency

Introduction

This Chemical Quality Assurance Report (CQAR) presents an evaluation of the quality and usability of the Quality Assurance (QA) analytical data generated in support of the soil, sediment, surface water and groundwater sampling events performed by Jacobs Engineering, Inc. at the Acid Area 1 (AA1) site at the Former Plum Brook Ordnance Works (PBOW) in Sandusky, Ohio between April 2007 and May 2008. The findings of this evaluation are presented in terms of data precision, accuracy, representativeness, sensitivity, and completeness.

Analytical samples evaluated in this report consisted of five soil, two sediment, two surface water and two groundwater QA samples that were collected in conjunction with the project Quality Control (QC) samples (i.e., primary and duplicate) at a frequency of approximately ten percent of the QC samples. The project samples are summarized in Attachment I, Sample Number Correlation. The QA data are tabulated in Attachment II, QA Data Summary. Data tables comparing the QC and QA data are presented in Attachment III, Data Comparison.

Analytical Methods

Analyses for this project were performed in strict accordance with the following protocol:

- *Test Methods for Evaluating Solid Waste,* SW-846, 3rd Edition, USEPA, November 1986, (SW-846)

Specific analytical methods used include the following:

Soil Samples

- Semivolatile Organic Compounds (SVOCs) by SW846/3541/8270C
- Polychlorinated biphenyls (PCBs) by SW846/3541/8082
- Nitroaromatics by SW846/8330
- TAL Metals by SW846/3050B/6010B/7471A
- Volatile Organic Hydrocarbons (VOCs) by SW846/5035/8260B

Sediment Samples

- Semivolatile Organic Compounds (SVOCs) by SW846/3541/8270C
- Polychlorinated biphenyls (PCBs) by SW846/3541/8082
- Nitroaromatics by SW846/8330
- TAL Metals by SW846/3050B/6010B/7471A
- Volatile Organic Hydrocarbons (VOCs) by SW846/5035/8260B

Surface Water Samples

- Semivolatile Organic Compounds (SVOCs) by SW846/3510C/8270C
- Polychlorinated biphenyls (PCBs) by SW846/3510C/8082
- Nitroaromatics by SW846/8330
- TAL Metals by SW846/3005A/6010B/7470A
- Volatile Organic Hydrocarbons (VOCs) by SW846/5030B/8260B

Groundwater Samples

- Semivolatile Organic Compounds (SVOCs) by SW846/3510C/8270C
- Polychlorinated biphenyls (PCBs) by SW846/3510C/8082
- Nitroaromatics by SW846/8330
- TAL Metals by SW846/3005A/6010B/7470A
- Dissolved Metals by SW846/3005A/6010B/7470A (November 2007 round only)
- Volatile Organic Hydrocarbons (VOCs) by SW846/5030B/8260B
- Cyanide by SW846/9012A

Analytical Laboratories

The following analytical laboratory was contracted to analyze the Primary/QC field sample for this project:

Empirical Laboratories
Contact: Marcia K. McGinnity, Senior Project Manager
227 French Landing Drive, Suite 550
Nashville, TN 37228
Phone: (615) 345-1115; Fax (615) 846-5426

The following analytical laboratory was contracted to analyze the QA field samples for this project:

TestAmerica Laboratories
TestAmerica Chicago
2417 Bond Street
University Park, Il 60466
Phone: (708) 534-5200; Fax (708) 534-5211

TestAmerica is formerly known as Severn Trent Laboratories.

Both laboratories have been validated by the United States Army Corps of Engineers (UASCE).

Data Evaluation Procedures

The quality of these data has been evaluated following procedures consistent with those included in the Engineering Manual (EM) 200-1-6 *Chemical Quality Assurance for HTRW Projects,* 10 October 1997, as well as *USEPA Contract Laboratory Program National Functional Guidelines*

for Organic Data Review, EPA-540/R-99/008, October 1999 and *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review,* EPA-540/R-94/013, February 1994 (*Functional Guidelines*). Data evaluations were also based on the QC requirements of the individual analytical methods.

The following data quality issues were addressed in this evaluation:

- Review chain-of-custody and sample receipt forms to evaluate sample receipt data, damaged sample containers, etc.;
- Review laboratory testing methods, detection limits, holding times, data qualifiers, etc.;
- Review field QC blank data to detect contamination from outside sources;
- Review QC data to evaluate data reproducibility;
- Review laboratory QC including verification of calibration, instrument performance checks, laboratory blanks, spike recovery, and duplicates
- Assign appropriate qualifiers to useable data, qualify unusable data as rejected, if necessary; and
- Present data evaluation in terms of the PARCC (precision, accuracy, representativeness, comparability, and completeness) data quality parameters.

Data Qualifier Definitions

Data qualifiers were assigned to the analytical results as part of the data review process. Definitions of these data qualifiers, which are consistent with those used within the *Functional Guidelines* referenced above, are provided below.

U – The analyte was analyzed for but was not detected above the reported sample quantitation limit.

J – The analyte was positively identified. However, the associated numerical value is an estimate of the concentration of the analyte in the sample.

UJ – The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is an estimate and my not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

I. QC DATA EVALUATION

The data evaluation of the QC data is summarized below.

SOIL DATA

Five QC soil samples were collected as part of the soil sampling event.

SOIL DATA PRECISION

Laboratory Duplicate Precision Review

Project laboratory duplicate precision indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification.

Specific Findings:

LCS/LCSD RPD:
All LCS/LCSD RPD results were within accepted criteria; no qualifiers were required.

MS/MSD RPD:
The results for aluminum and iron in sample PBOW-07-SO-AA1-SB-35-A-3'-5', the results for copper and lead in sample PBOW-07-SO-AA1-SB-35-A-3'-5' and the result for mercury in samples PBOW-07-SO-AA1-SB-16-A-3'-5' and PBOW-07-SO-AA1-SB-20-A-3'-5' were qualified as estimated (coded "J") due to MS/MSD RPD exceedances. All other MS/MSD RPD results were within method compliance; no qualifications were required.

Laboratory Replicate RPD:
All laboratory replicate RPD results were within accepted criteria; no qualifiers were required.

Second Column Confirmation RPD:
The second column confirmation for nitroaromatic and PCB results were within compliance; no qualifications were required.

Serial Dilution RPD:
The results for lead in all five QC samples were qualified as estimated (coded "J") due to serial dilution RPD outliers.

SOIL DATA ACCURACY

Field Data Accuracy Review

Data in soil samples were not qualified due to field blank results.

Laboratory Data Accuracy Indicators Review

Project accuracy indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification. Instances were dilutions caused surrogate or spike recoveries to be diluted out are not discussed as findings if qualification was not deemed necessary.

Specific Findings:

Hold Time:
All samples were extracted and/or analyzed within hold times; no qualifiers were required.

Sample Temperature:
The results for PCBs, SVOCs and nitroaromatics in samples PBOW-07-SO-AA1-SB-20-A-3'-5' and PBOW-07-SO-AA1-SB-35-A-3'-5' were qualified as estimated (coded "J" or "UJ") due to elevated cooler temperatures upon sample receipt at the laboratory. Since these compounds are all semivolatile in nature, and in general not impacted by mildly elevated (less than 10°C) cooler temperatures, the impact to the results is likely minimal. All other samples were received within temperature limits; no qualifications were required.

Initial Calibration Results:
All initial calibration results were within acceptance criteria; no qualifications were required.

Continuing Calibration Results:
The results for beryllium in samples PBOW-07-SO-AA1-SB-28-A-0.5'-1.5' and PBOW-07-SO-AA1-SB-30-A-3'-5' 15 were qualified as estimated (coded "J") due to continuing calibration verification (CCV) outliers. The nondetect results for 2-hexanone in samples PBOW-07-SO-AA1-SB-16-A-3'-5' and PBOW-07-SO-AA1-SB-20-A-3'-5' were qualified as estimated (coded "UJ") due to CCV outliers. All continuing calibrations were within compliance; no qualifications were required.

Calibration Verification Results:
The nondetect results for 2-hexanone in all five soil samples were qualified as estimated (coded "UJ") due to low recoveries in the associated initial calibration verification (ICV) standard. The result for carbon disulfide in sample PBOW-07-SO-AA1-SB-28-A-0.5'-1.5' was qualified as estimated (coded "J") due to high recoveries in the associated ICV standard. All other ICV standards were within compliance; no qualifications were required.

LCS/LCSD Recovery Results:
The nondetect results for benzoic acid in samples PBOW-07-SO-AA1-SB-28-A-0.5'-1.5' and PBOW-07-SO-AA1-SB-30-A-3'-5' were rejected (coded "R") due to less than 10 percent LCS and/or LCSD recoveries. All other LCS/LCSD recoveries were within compliance; no qualifications were required.

MS/MSD Recovery Results:
The nondetect results for antimony in samples PBOW-07-SO-AA1-SB-16-A-3'-5', PBOW-07-SO-AA1-SB-20-A-3'-5' and PBOW-07-SO-AA1-SB-35-A-3'-5' were qualified as estimated

(coded "UJ") due to low MS recoveries. The results for chromium, copper, lead and zinc in sample PBOW-07-SO-AA1-SB-35-A-3'-5' copper, lead and zinc were qualified as estimated (coded "J") due to high MS recoveries. The results for mercury in samples PBOW-07-SO-AA1-SB-16-A-3'-5' and PBOW-07-SO-AA1-SB-20-A-3'-5' were qualified as estimated (coded "J") due to low MS recoveries.

Laboratory Blank Results:
The nondetect results for 4-methyl-2-pentanone in sample PBOW-07-SO-AA1-SB-16-A-3'-5' and the nondetect results for acetone in samples PBOW-07-SO-AA1-SB-16-A-3'-5', PBOW-07-SO-AA1-SB-20-A-3'-5', PBOW-07-SO-AA1-SB-30-A-3'-5', and PBOW-07-SO-AA1-SB-35-A-3'-5' were qualified as nondetect (coded "U") due to detects in associated laboratory blanks.

Laboratory Negative Metals Blank Results:
There were no negative metals blanks associated with these samples; no qualifiers were required.

Internal Standard Area Counts:
All internal standard area counts were within criteria; no qualifications were required.

Surrogate Standard Recoveries:
The nondetect results for the acidic SW8270C compounds in sample PBOW-07-SO-AA1-SB-16-A-3'-5' were qualified as estimated (coded "UJ") due to low acidic surrogate recoveries.

SOIL DATA REPRESENTATIVENESS

Samples collected as part of the soil sampling event followed the Plum Brook AA1 Field Sampling Plan and, with the exception of the temperature and hold time exceedances described above, represent as much as possible the *in situ* field conditions. The impact from the temperature and hold time exceedances are most likely minimal because the exceedances affected only SVOCs, PCBs, and nitroaromatics, which are compound classes that are not adversely impacted by minor exceedances in either hold times or temperature. Results associated with these outliers have been qualified as estimated (coded "J" or "UJ"), as appropriate.

SEDIMENT DATA

Two QC sediment samples were collected as part of the sampling event.

SEDIMENT DATA PRECISION

Laboratory Duplicate Precision Review

Project laboratory duplicate precision indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification.

Specific Findings:

LCS/LCSD RPD:
LCS/LCSD RDP values were acceptable in all analyses; no qualifications were required.

MS/MSD RPD:
Results for manganese in samples PBOW-07-SD-AA1-SD04-A and PBOW-07-SD-AA1-SD09-A were qualified as estimated (coded "J") due to MS/MSD RPD exceedances.

Laboratory Replicate RPD:
All laboratory replicate RPD results were within accepted criteria; no qualifiers were required.

Second Column Confirmation RPD:
All second column confirmation results were within accepted criteria; no qualifiers were required.

Serial Dilution RPD:
All serial dilution results were within accepted criteria; no qualifiers were required.

SEDIMENT DATA ACCURACY

Field Data Accuracy Review

Qualifications were not required due to contamination in associated field blanks.

Laboratory Data Accuracy Indicators Review

Project accuracy indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification. Instances were dilutions caused surrogate or spike recoveries to be diluted out are not discussed as findings if qualification was not deemed necessary.

Specific Findings:

Hold Time:
The SVOC results for samples PBOW-07-SD-AA1-SD04-A and PBOW-07-SD-AA1-SD09-A and two sediment FD samples were qualified as estimated (coded "J" or "UJ") because the samples were extracted outside the 14 day hold time requirement. Samples were originally extracted within hold time criteria; however, the LCS recoveries were unacceptable and the samples were reextracted outside of the hold time window.

Sample Temperature:
All samples were received within temperature criteria; no qualifications were necessary.

Initial Calibration Results:
All initial calibration results were within acceptance criteria; no qualifications were required.

Continuing Calibration Results:
The result for pyrene in sample PBOW-07-SD-AA1-SD09-A wase qualified as estimated (coded "J") due to a CCV outlier. The nondetect results for 3,3'-dichlorobenzidene in samples PBOW-07-SD-AA1-SD04-A and PBOW-07-SD-AA1-SD09-A were qualified as estimated (coded "UJ") due to CCV outliers.

Calibration Verification Results:
The nondetect result for carbon disulfide in sample PBOW-07-SD-AA1-SD09-A was qualified as estimated (coded "UJ") due to low recoveries in the associated initial calibration verification (ICV) standard. The nondetect results for hexachlorocyclopentadiene in samples PBOW-07-SD-AA1-SD04-A and PBOW-07-SD-AA1-SD09-A were qualified as estimated (coded "UJ") in three sediment samples due to low recoveries in the associated ICV standard.

LCS/LCSD Recovery Results:
All LCS/LCSD recoveries were within method or project compliance; no qualifications were required.

MS/MSD Recovery Results:
The nondetect result for antimony and the detected results for barium, chromium, copper and vanadium in samples PBOW-07-SD-AA1-SD04-A and PBOW-07-SD-AA1-SD09-A were qualified as estimated (coded "J" or "UJ") due to low MS recoveries.

Laboratory Blank Results:
The nondetect results for acetone and carbon disulfide results in sample PBOW-07-SD-AA1-SD04-A were qualified as nondetect (coded "UJ") due to detects in associated laboratory blanks.

Laboratory Negative Metals Blank Results:
There were no negative metals blanks associated with these samples; no qualifiers were required.

Internal Standard Area Counts:
All internal standard area counts were within criteria; no qualifications were required.

Surrogate Standard Recoveries:
Several SVOC results in sample PBOW-07-SD-AA1-SD09-A were qualified as estimated (coded "J") due to high surrogate recoveries.

SEDIMENT DATA REPRESENTATIVENESS

Samples collected as part of the soil sampling event followed the Plum Brook AA1 Field Sampling Plan and, with the exception of the hold time exceedances described above, represent as much as possible the *in situ* field conditions. The impact from the hold time exceedances are most likely minimal because the exceedance time was minimal, and the exceedances affected only SVOCs which is a compound class that is not adversely impacted by minor exceedances in hold. Results associated with these outliers have been qualified as estimated (coded "J" or "UJ"), as appropriate.

SURFACE WATER DATA

Two QC surface water samples were collected as part of the sampling event.

SURFACE WATER DATA PRECISION

Laboratory Duplicate Precision Review

Project laboratory duplicate precision indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification.

Specific Findings:

LCS/LCSD RPD:
All LCS/LCSD RPD results were within accepted criteria; no qualifiers were required.

MS/MSD RPD:
All MS/MSD RPD results were within accepted criteria; no qualifiers were required.

Laboratory Replicate RPD:
All laboratory replicate RPD results were within accepted criteria; no qualifiers were required.

Second Column Confirmation RPD:
All second column confirmation results were within accepted criteria; no qualifiers were required.

Serial Dilution RPD:
All serial dilution results were within accepted criteria; no qualifiers were required.

SURFACE WATER DATA ACCURACY

Field Data Accuracy Review

Qualifications were not required due to contamination in associated field blanks.

Laboratory Data Accuracy Indicators Review

Project accuracy indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification. Instances were dilutions caused surrogate or spike recoveries to be diluted out are not discussed as findings if qualification was not deemed necessary.

Specific Findings:

Hold Time:

All samples were prepared or analyzed within hold time criteria; no qualifications were necessary.

Sample Temperature:
All samples were received within temperature criteria; no qualifications were necessary.

Initial Calibration Results:
All initial calibration results were within acceptance criteria; no qualifications were required.

Continuing Calibration Results:
The nondetect result for benzo(g,h,i)perylene in sample PBOW-07-SW-AA1-SW07-A was qualified as estimated (coded "UJ") due to a continuing calibration verification (CCV) outlier. The result for zinc in sample PBOW-07-SW-AA1-SW07-A was qualified as estimated (coded "J") due to CCV outliers.

Calibration Verification Results:
All initial calibration verification (ICV) results were within criteria; no qualifications were necessary.

LCS/LCSD Recovery Results:
All LCS/LCSD recoveries were within method or project compliance; no qualifications were required.

MS/MSD Recovery Results:
All MS/MSD recoveries were within method or project compliance; no qualifications were required.

Laboratory Blank Results:
Results were not qualified due to laboratory blank contamination.

Laboratory Negative Metals Blank Results:
There were no negative metals blanks associated with these samples; no qualifiers were required.

Internal Standard Area Counts:
Internal standard area counts were acceptable for all samples; no qualifications were required.

Surrogate Standard Recoveries:
Surrogate standard recoveries were acceptable for all samples; no qualifications were required.

SURFACE WATER DATA REPRESENTATIVENESS

Samples collected as part of the soil sampling event followed the Plum Brook AA1 Field Sampling Plan and represent as much as possible the *in situ* field conditions.

GROUNDWATER DATA

Groundwater samples were collected in two rounds, one in November 2007 and one in May 2008. Data for both rounds are discussed in aggregate below. One QC groundwater sample was collected as part of each sampling event.

GROUNDWATER DATA PRECISION

Laboratory Duplicate Precision Review

Project laboratory duplicate precision indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification.

Specific Findings:

LCS/LCSD RPD:
The nondetect results for benzidine and carbazole in sample PBOW-08-GW-AA1-MKMW19-B collected in May 2008 were qualified as estimated (coded "UJ") due to noncompliant RPD values.

MS/MSD RPD:
All MS/MSD RPD results were within accepted criteria; no qualifiers were required.

Laboratory Replicate RPD:
All laboratory replicate RPD results were within accepted criteria; no qualifiers were required.

Second Column Confirmation RPD:
All second column confirmation results were within accepted criteria; no qualifiers were required.

Serial Dilution RPD:
All serial dilution results were within accepted criteria; no qualifiers were required.

GROUNDWATER DATA ACCURACY

Field Data Accuracy Review

Data in groundwater samples were not qualified due to field blank results, indicating good sampling protocol and lack of field bias in sample results.

Laboratory Data Accuracy Indicators Review

Project accuracy indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification. Instances were dilutions caused surrogate or spike recoveries to be diluted out are not discussed as findings if qualification was not deemed necessary.

Specific Findings:

Hold Time:
All analyses were performed within the specified time frames; no qualifications were necessary.

Sample Temperature:
All samples were received within temperature criteria; no qualifications were necessary.

Initial Calibration Results:
All initial calibration results were within acceptance criteria; no qualifications were required.

Continuing Calibration Results:
All initial calibration results were within acceptance criteria; no qualifications were required.

Calibration Verification Results:
All initial calibration verification (ICV) results were within criteria; no qualifications were necessary.

LCS/LCSD Recovery Results:
Nondetect results for PCBs in groundwater sample PBOW-08-GW-AA1-MKMW19-A collected in May 2008 were qualified as estimated (coded "UJ") due to low LCS/LCSD recoveries.

MS/MSD Recovery Results:
All MS/MSD recoveries were within compliance; no qualifiers were required.

Laboratory Blank Results:
The result for methylene chloride sample PBOW-08-GW-AA1-MKMW19-A collected in May 2008 was qualified as nondetect (coded "U") due to a detection in the associated laboratory blank.

Laboratory Negative Metals Blank Results:
The nondetect results for copper (total) and copper (dissolved) in all sample PBOW-07-GW-AA1-BED-GW001-A collected in November 2007 were qualified as estimated (coded "UJ") due to negative results in one or more of the blanks analyzed for metals.

Internal Standard Area Counts:
The nondetect results for 3,3'-dichlorobenzidene, benzo(a)anthracene, butylbenzylphthalate, chrysene, pyrene and bis(2-ethylhexyl)phthalate in sample PBOW-07-GW-AA1-BED-GW001-A collected in November were qualified as estimated (coded "UJ") due to low internal standard area counts.

Surrogate Standard Recoveries:
The results for the nitroaromatic compounds in sample PBOW-07-GW-AA1-BED-GW001-A collected in November 2007 were qualified as estimated (coded "J" Or "UJ") due to low surrogate standard recoveries.

GROUNDWATER DATA REPRESENTATIVENESS

Samples collected as part of the soil sampling event followed the Plum Brook AA1 Field Sampling Plan and represent as much as possible the *in situ* field conditions.

II. QA DATA EVALUATION

The data evaluation of the QA data is summarized below.

SOIL DATA

Five QA soil samples were collected as part of the soil sampling event.

SOIL DATA PRECISION

Laboratory Duplicate Precision Review

Project laboratory duplicate precision indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification.

Specific Findings:

LCS/LCSD RPD:
All LCS/LCSD RPD results were within accepted criteria; no qualifiers were required.

MS/MSD RPD:
The results for copper in all five soil samples were qualified as estimated (coded "J") due to MS/MSD RPD exceedances. All other MS/MSD RPD results were within method compliance; no qualifications were required.

Laboratory Replicate RPD:
The results for copper and vanadium in all five soil samples were qualified as estimated (coded "J") due to laboratory replicate RPD outliers.

Second Column Confirmation RPD:
The second column confirmation for nitroaromatic and PCB results were within compliance; no qualifications were required.

Serial Dilution RPD:
The results for aluminum, barium, calcium, chromium, iron, magnesium, manganese, vanadium and zinc in all five QA samples were qualified as estimated (coded "J") due to serial dilution RPD outliers.

SOIL DATA ACCURACY

Field Data Accuracy Review

Data in soil samples were not qualified due to field blank results.

Laboratory Data Accuracy Indicators Review

Project accuracy indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification. Instances were dilutions caused surrogate or spike recoveries to be diluted out are not discussed as findings if qualification was not deemed necessary.

Specific Findings:

Hold Time:
All samples were extracted and/or analyzed within hold times; no qualifiers were required.

Sample Temperature:
All samples were received within the correct temperature range; no qualifications were required.

Initial Calibration Results:
All initial calibration results were within acceptance criteria; no qualifications were required.

Continuing Calibration Results:
All continuing calibration results were within acceptance criteria; no qualifications were required.

Calibration Verification Results:
All initial calibration verification (ICV) standard results were within acceptance criteria; no qualifications were required.

LCS/LCSD Recovery Results:
All LCS/LCSD recoveries were within acceptance criteria; qualifications were not required.

MS/MSD Recovery Results:
The results for antimony, calcium, copper and sodium in all five QA samples were qualified as estimated as estimated (coded "J") due to noncompliant MS recoveries.

Laboratory Blank Results:
Data qualification was not required due to laboratory blank contamination.

Laboratory Negative Metals Blank Results:
There were no negative metals blanks associated with these samples; no qualifiers were required.

Internal Standard Area Counts:
All internal standard area counts were within criteria; no qualifications were required.

Surrogate Standard Recoveries:

All surrogate standard recoveries were within compliance; no qualifications were necessary.

SEDIMENT DATA

Two QA sediment samples were collected as part of the sampling event.

SEDIMENT DATA PRECISION

Laboratory Duplicate Precision Review

Project laboratory duplicate precision indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification.

Specific Findings:

LCS/LCSD RPD:
LCS/LCSD RDP values were acceptable in all analyses; no qualifications were required.

MS/MSD RPD:
MS/MSD RDP values were acceptable in all analyses; no qualifications were required.

Laboratory Replicate RPD:
All laboratory replicate RPD results were within accepted criteria; no qualifiers were required.

Second Column Confirmation RPD:
All second column confirmation results were within accepted criteria; no qualifiers were required.

Serial Dilution RPD:
All serial dilution results were within accepted criteria; no qualifiers were required.

SEDIMENT DATA ACCURACY

Field Data Accuracy Review

Qualifications were not required due to contamination in associated field blanks.

Laboratory Data Accuracy Indicators Review

Project accuracy indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification. Instances were dilutions caused surrogate or spike recoveries to be diluted out are not discussed as findings if qualification was not deemed necessary.

Specific Findings:

Hold Time:
Both samples were analyzed within the respective method hold times; no qualifications were required.

Sample Temperature:
All samples were received within temperature criteria; no qualifications were necessary.

Initial Calibration Results:
All initial calibration results were within acceptance criteria; no qualifications were required.

Continuing Calibration Results:
All continuing calibration results were within acceptance criteria; no qualifications were required.

Calibration Verification Results:
All initial calibration verification (ICV) standard results were within acceptance criteria; no qualifications were required.

LCS/LCSD Recovery Results:
All LCS/LCSD recoveries were within method or project compliance; no qualifications were required.

MS/MSD Recovery Results:
All MS/MSD recoveries were within method or project compliance; no qualifications were required.

Laboratory Blank Results:
The results for sodium in both sediment samples were qualified as nondetect (coded "U") due to detects in associated laboratory blanks.

Laboratory Negative Metals Blank Results:
There were no negative metals blanks associated with these samples; no qualifiers were required.

Internal Standard Area Counts:
All internal standard area counts were within criteria; no qualifications were required.

Surrogate Standard Recoveries:
Surrogate recoveries were acceptable in all samples; no qualifications were required.

SURFACE WATER DATA

Two QA surface water samples were collected as part of the sampling event.

SURFACE WATER DATA PRECISION

Laboratory Duplicate Precision Review

Project laboratory duplicate precision indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification.

Specific Findings:

LCS/LCSD RPD:
LCS/LCSD RDP values were acceptable in all analyses; no qualifications were required.

MS/MSD RPD:
MS/MSD RDP values were acceptable in all analyses; no qualifications were required.

Laboratory Replicate RPD:
All laboratory replicate RPD results were within accepted criteria; no qualifiers were required.

Second Column Confirmation RPD:
All second column confirmation results were within accepted criteria; no qualifiers were required.

Serial Dilution RPD:
All serial dilution results were within accepted criteria; no qualifiers were required.

SURFACE WATER DATA ACCURACY

Field Data Accuracy Review

Qualifications were not required due to contamination in associated field blanks.

Laboratory Data Accuracy Indicators Review

Project accuracy indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification. Instances were dilutions caused surrogate or spike recoveries to be diluted out are not discussed as findings if qualification was not deemed necessary.

Specific Findings:

Hold Time:
Both samples were analyzed within the respective method hold times; no qualifications were required.

Sample Temperature:
All samples were received within temperature criteria; no qualifications were necessary.

Initial Calibration Results:
All initial calibration results were within acceptance criteria; no qualifications were required.

Continuing Calibration Results:
All continuing calibration results were within acceptance criteria; no qualifications were required.

Calibration Verification Results:
All initial calibration verification (ICV) standard results were within acceptance criteria; no qualifications were required.

LCS/LCSD Recovery Results:
All LCS/LCSD recoveries were within method or project compliance; no qualifications were required.

MS/MSD Recovery Results:
All MS/MSD recoveries were within method or project compliance; no qualifications were required.

Laboratory Blank Results:
The results for aluminum in both surface water samples were qualified as nondetect (coded "U") due to detects in associated laboratory blanks.

Laboratory Negative Metals Blank Results:
There were no negative metals blanks associated with these samples; no qualifiers were required.

Internal Standard Area Counts:
All internal standard area counts were within criteria; no qualifications were required.

Surrogate Standard Recoveries:
Surrogate recoveries were acceptable in all samples; no qualifications were required.

GROUNDWATER DATA

Groundwater samples were collected in two rounds, one in November 2007 and one in May 2008. Data for both rounds are discussed in aggregate below. One QA groundwater sample was collected as part of each event.

GROUNDWATER DATA PRECISION

Laboratory Duplicate Precision Review

Project laboratory duplicate precision indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification.

Specific Findings:

LCS/LCSD RPD:
The nondetect results for benzidine and carbazole in sample PBOW-08-GW-AA1-MKMW19-B collected in May 2008 were qualified as estimated (coded "UJ") due to noncompliant LCS/LCSD RPD results.

MS/MSD RPD:
MS/MSD RDP values were acceptable in all analyses; no qualifications were required.

Laboratory Replicate RPD:
All laboratory replicate RPD results were within accepted criteria; no qualifiers were required.

Second Column Confirmation RPD:
All second column confirmation results were within accepted criteria; no qualifiers were required.

Serial Dilution RPD:
All serial dilution results were within accepted criteria; no qualifiers were required.

GROUNDWATER DATA ACCURACY

Field Data Accuracy Review

Data in groundwater samples were not qualified due to field blank results, indicating good sampling protocol and lack of field bias in sample results.

Laboratory Data Accuracy Indicators Review

Project accuracy indicators were found to be in control for each analytical method, with the exceptions noted below as Specific Findings. Each exception was evaluated to determine whether it had any impact on data use or resulted in data qualification. Instances were dilutions caused surrogate or spike recoveries to be diluted out are not discussed as findings if qualification was not deemed necessary.

Specific Findings:

Hold Time:
Both samples were analyzed within the respective method hold times; no qualifications were required.

Sample Temperature:
All samples were received within temperature criteria; no qualifications were necessary.

Initial Calibration Results:
All initial calibration results were within acceptance criteria; no qualifications were required.

Continuing Calibration Results:
All continuing calibration results were within acceptance criteria; no qualifications were required.

Calibration Verification Results:
All initial calibration verification (ICV) standard results were within acceptance criteria; no qualifications were required.

LCS/LCSD Recovery Results:
The result for benzidine in sample PBOW-07-GW-AA1-AA1BEDGW00 collected in November 2007 was rejected (coded "R") due to low LCS/LCSD recoveries. The nondetect result for benzoic acid in sample PBOW-08-GW-AA1-MKMW19-B in May 2008 was rejected (coded "R") due to low LCS/LCD recoveries and the nondetect results for 1,2-dibromo-3-chloropropane and bromoform in sample PBOW-08-GW-AA1-MKMW19-B collected in May 2008 were qualified as estimated (coded "UJ").

MS/MSD Recovery Results:
All MS/MSD recoveries were within method or project compliance; no qualifications were required.

Laboratory Blank Results:
The results for aluminum (total) and aluminum (dissolved) in sample PBOW-07-GW-AA1-AA1BEDGW00 collected November 2007 were qualified as nondetect (coded "U") due to detects in associated laboratory blanks.

Laboratory Negative Metals Blank Results:
There were no negative metals blanks associated with these samples; no qualifiers were required.

Internal Standard Area Counts:
All internal standard area counts were within criteria; no qualifications were required.

Surrogate Standard Recoveries:
Surrogate recoveries were acceptable in all samples; no qualifications were required.

III. QA/QC DATA COMPARISON

In accordance with EM 200-1-6, a data comparison of the QA and QC data was performed based on the agreement criteria summarized in the table below:

Criteria for Comparing Field QC and QA Sample Data			
Matrix	**Parameter**	**Disagreement**	**Major Disagreement**
All	All	>5x difference when one result is <DL	>10x difference when one result is <DL
All	All	>3x difference when one result is <RL	>5x difference when one result is <RL
Soil	VOCs only	>5x difference	>10x difference
Soil	Metals only	>2x difference	>3x difference
Soil	All except VOCs and metals	>4x difference	>5x difference
Water	All	>2x difference	>3x difference

Data found out of control were examined to determine if the disagreements were extreme, isolated occurrences, or if negative trends existed. Various factors can contribute to duplicate disagreement, including the natural variability of the sample matrix, high or low analyte concentrations, or the presence of compounds that interfere with analysis. Negative trends may indicate systemic errors made in sampling, handling, or analytical procedures; or may indicate the selection of an inappropriate protocol. If negative trends or extreme non-conformances exist, associated data were evaluated carefully to determine their validity. It should be noted that samples found in disagreement did not necessarily indicate an error had been made or inappropriate procedures used.

Attachment III presents tables that show a side-by-side comparison of the analytical results of the field QC and QA samples. A summary of the evaluation of this comparison is presented below.

SOIL RESULTS

Metals

The QC and QA results for cobalt, iron, nickel and vanadium in the samples collected at location PBOW-07-SO-AA1-SB-16-3'-5'; the QC and QA results for calcium, copper and potassium in the samples collected at location PBOW-07-SO-AA1-SB-28-0.5'-1.5'; and the QC and QA results for potassium in the samples collected at location PBOW-07-SO-AA1-SB-35-3'-5' were in disagreement.

The QC and QA results for arsenic, calcium, magnesium and manganese in the samples collected at location PBOW-07-SO-AA1-SB-16-3'-5'; and the results for lead and zinc in the samples collected at location PBOW-07-SO-AA1-SB-28-0.5'-1.5' were in major disagreement.

All other metals results for the soils samples were in agreement.

Polychlorinated Biphenyls (PCBs)

The QC and QA results for Aroclor 1254 in the samples collected at location PBOW-07-SO-AA1-SB-28-0.5'-1.5' were in disagreement.

The QC and QA results for Aroclor 1260 in the samples collected at location PBOW-07-SO-AA1-SB-28-0.5'-1.5' were in major disagreement.

All other PCB results for the soils samples were in agreement.

Volatiles

The QC and QA results for carbon disulfide in the samples collected at location PBOW-07-SO-AA1-SB-16-3'-5' and the results for acetone in the samples collected at location PBOW-07-SO-AA1-SB-28-0.5'-1.5' were in major disagreement.

All other volatile results for the soils samples were in agreement.

Semivolatiles

The QC and QA results for benzo(b)fluoranthene in the samples collected at location PBOW-07-SO-AA1-SB-20-3'-5' were in disagreement.

All other semivolatile results for the soils samples were in agreement.

Nitroaromatic Explosives

No disagreements were found between the QC and QA sample results for nitroaromatic explosive compounds in the soil samples.

SEDIMENT RESULTS

Metals

No disagreements were found between the QC and QA sample results for metals in the sediment samples.

Polychlorinated Biphenyls (PCBs)

The QC and QA results for Aroclor 1254 in the samples collected at location PBOW-07-SD-AA1-SD09 were in disagreement.

The QC and QA results for Aroclor 1260 in the samples collected at location PBOW-07-SD-AA1-SD04 were in major disagreement.

All other PCB results for the sediment samples were in agreement.

Volatiles

The QC and QA results for chloroethane in the samples collected at location PBOW-07-SD-AA1-SD04 were in disagreement.

All other volatile results for the soils samples were in agreement.

Semivolatiles

No disagreements were found between the QC and QA sample results for semivolatile compound results in the sediment samples.

Nitroaromatic Explosives

No disagreements were found between the QC and QA sample results for nitroaromatic explosive compounds in the sediment samples.

SURFACE WATER RESULTS

Metals

The QC and QA results for iron and manganese in the samples collected at location PBOW-07-SW-AA1-SW07 were in major disagreement.

All other metals results for the surface water samples were in agreement.

Polychlorinated Biphenyls (PCBs)

No disagreements were found between the QC and QA sample results for PCB compounds in the surface water samples.

Volatiles

No disagreements were found between the QC and QA sample results for volatile compounds in the surface water samples.

Semivolatiles

No disagreements were found between the QC and QA sample results for semivolatile compound results in the surface water samples.

Nitroaromatic Explosives

No disagreements were found between the QC and QA sample results for nitroaromatic explosive compounds in the surface water samples.

GROUNDWATER RESULTS

Metals

No disagreements were found between the QC and QA sample results for metals in the groundwater samples.

Polychlorinated Biphenyls (PCBs)

No disagreements were found between the QC and QA sample results for PCB compounds in the groundwater samples.

Volatiles

No disagreements were found between the QC and QA sample results for volatile compounds in the groundwater samples.

Semivolatiles

The QC and QA results for 2-methylnaphthalene and phenanthrene in the samples collected at location PBOW-07-GW-AA1-BED-GW001 were in disagreement.

All other semivolatile results for the surface water samples were in agreement.

Nitroaromatic Explosives

The QC and QA results for HMX in the samples collected at location PBOW-07-GW-AA1-BED-GW001 were in disagreement.

The QC and QA results for 1,3,5-trinitrobenzene; 2,4,6-trinitrotoluene; 2,6-dinitrotoluene; 2-amino-4,6-dinitrotoluen; and 4-nitrotoluene in the samples collected at location PBOW-07-GW-AA1-BED-GW001 were in major disagreement.

All other nitroaromatic explosive results for the groundwater samples were in agreement.

Cyanide

The QC and QA results for cyanide in the samples collected at location PBOW-07-GW-AA1-BED-GW001 were in major disagreement.

All other cyanide results for the groundwater samples were in agreement.

IV. PROBLEMS

No major problems were found with the quality and usability of the analytical data generated for this project. All of the results were considered usable, with the exception of benzidine and benzoic acid in some soil and groundwater samples, as detailed in Section I and Section II, above. Qualifiers were added to specific data results to indicate estimated concentrations when data results were not within specific validation criteria.

V. SUMMARY AND CONCLUSIONS

In general, the QC and QA sample results indicated that the data met "definitive data" standards and were of known quality. The data reported are acceptable with the required qualifications. QC data demonstrated that the QA mechanisms were effective in ensuring measurement data reliability within expected limits of sampling and analytical error and were considered, as qualified, representative of actual site and sample conditions at the time sampled.

ATTACHEMNT I – SAMPLE CORRELATION

Plum Brook Acid Area 1 QA Sample Correlation				
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID
Soil Samples				
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'
Sediment Samples				
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B
Surface WaterSamples				
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B
Groundwater Samples				
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B

ATTACHEMNT II – QA DATA RESULTS

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW9014	Cyanide	ND	U	0.01	0.05	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	U	0.027	0.16	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8330	1,3-Dinitrobenzene	0.25		0.017	0.16	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	U	0.029	0.16	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	U	0.047	0.31	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	U	0.066	0.31	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.046	0.31	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8330	2-Nitrotoluene	ND	U	0.083	0.31	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8330	3-Nitrotoluene	ND	U	0.071	0.31	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.065	0.31	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8330	4-Nitrotoluene	6.7		0.065	0.31	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8330	HMX	ND	U	0.029	0.31	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8330	Nitrobenzene	ND	U	0.025	0.16	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8330	RDX	ND	U	0.041	0.16	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8330	Tetryl	ND	U	0.061	0.39	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Aluminum	ND	U	0.086	1.15	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Antimony	ND	U	0.0045	0.02	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Arsenic	ND	U	0.0027	0.01	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Barium	2.6		0.0036	0.01	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Beryllium	ND	U	0.00056	0.004	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Cadmium	ND	U	0.00071	0.002	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Calcium	350	J	0.022	0.1	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Chromium	0.003	J	0.0017	0.01	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Cobalt	0.00099	J	0.00095	0.005	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Copper	ND	U	0.0017	0.01	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Iron	0.051	J	0.048	0.1	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Lead	ND	U	0.0022	0.005	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Magnesium	340		0.043	0.1	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Manganese	0.97		0.0019	0.01	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW7470A	Mercury	ND	U	0.094	0.2	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Nickel	ND	U	0.0019	0.01	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Potassium	57		9.3	50	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Selenium	ND	U	0.0047	0.01	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Silver	ND	U	0.001	0.005	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Sodium	1100		33	100	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Thallium	ND	U	0.007	0.01	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Vanadium	0.0091		0.0013	0.005	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Zinc	ND	U	0.0038	0.02	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Aluminum (total)	ND	U	0.17	1.15	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Antimony (total)	ND	U	0.0045	0.02	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Arsenic (total)	ND	U	0.0027	0.01	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Barium (total)	2.3		0.0036	0.01	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Beryllium (total)	ND	U	0.00056	0.004	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Cadmium (total)	ND	U	0.00071	0.002	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Calcium (total)	340	J	0.022	0.1	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Chromium (total)	0.0032	J	0.0017	0.01	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Cobalt (total)	0.00097	J	0.00095	0.005	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Copper (total)	ND	U	0.0017	0.01	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Iron (total)	1.3		0.048	0.1	mg/L

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Lead (total)	0.0026	J	0.0022	0.005	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Magnesium (total)	320		0.043	0.1	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Manganese (total)	0.77		0.0019	0.01	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW7470A	Mercury (total)	ND	U	0.094	0.2	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Nickel (total)	ND	U	0.0019	0.01	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Potassium (total)	97		0.093	0.5	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Selenium (total)	ND	U	0.0047	0.01	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Silver (total)	ND	U	0.001	0.005	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Sodium (total)	1100		33	100	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Thallium (total)	ND	U	0.007	0.01	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Vanadium (total)	0.0078		0.0013	0.005	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW6010B	Zinc (total)	0.0079	J	0.0038	0.02	mg/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	U	1.8	9.3	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	U	2.3	9.3	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	U	3.8	9.3	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	U	2.9	9.3	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.4	9.3	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	U	1.2	9.3	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	3.3	J	1.4	9.3	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	1,2,4-Trichlorobenzene	ND	U	5.6	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	1,2-Dichlorobenzene	ND	U	4.6	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	1,3-Dichlorobenzene	ND	U	4.4	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	1,4-Dichlorobenzene	ND	U	5.2	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	2,2'-Oxybis(1-Chloro)Propane	ND	U	4.6	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	28	200	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	28	100	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	32	200	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	32	200	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	170	400	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	2,4-Dinitrotoluene	ND	U	5.8	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	2,6-Dinitrotoluene	ND	U	3.8	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	5.2	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	2-Chlorophenol	ND	U	30	100	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	2-Methylnaphthalene	180		0.58	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	5.4	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	2-Nitroaniline	ND	U	24	100	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	2-Nitrophenol	ND	U	32	200	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	22	100	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	3-Nitroaniline	ND	U	32	200	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	38	400	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	20	100	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	28	200	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	4-Chloroaniline	ND	U	28	200	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	22	100	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	3.8	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	4-Nitroaniline	ND	U	24	200	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	4-Nitrophenol	ND	U	66	400	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Acenaphthene	ND	U	0.64	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.76	20	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Anthracene	ND	U	0.78	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Benzidine	-	R	-	-	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	0.82	4	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.76	4	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.92	4	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Benzo(g,h,i)perylene	3.9	J	0.84	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.84	4	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Benzoic acid	ND	U	86	400	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Benzyl alcohol	ND	U	24	400	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Benzyl butyl phthalate	ND	U	5.8	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Carbazole	ND	U	24	100	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Chrysene	ND	U	0.76	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Cresols, M & P	ND	U	3.8	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	24	100	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	22	200	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Dibenz(a,h)anthracene	3.9	J	0.8	6	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Dibenzofuran	ND	U	5.2	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Diethylphthalate	ND	U	6.4	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Dimethylphthalate	ND	U	6.4	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Fluoranthene	ND	U	0.86	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Fluorene	12	J	0.7	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	1.2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	24	100	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	72	400	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Hexachloroethane	ND	U	22	100	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	3.6	J	0.78	4	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Isophorone	ND	U	4.6	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	6.8	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	5.2	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Naphthalene	80		0.7	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Nitrobenzene	ND	U	5.2	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Pentachlorophenol	ND	U	30	400	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Phenanthrene	30		0.74	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Phenol	ND	U	14	100	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	Pyrene	ND	U	0.86	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	6.8	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	5.4	40	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	24	200	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,1,1,2-Tetrachloroethane	ND	U	3.3	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,1,1-Trichloroethane	ND	U	1.7	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	3.4	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	2.4	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,1-Dichloroethane	ND	U	1.5	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	2.5	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,1-Dichloropropene	ND	U	3.8	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	4.3	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,2,3-Trichloropropane	ND	U	3.5	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	3.6	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,2,4-Trimethylbenzene	200		2.6	10	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	4.1	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	3.3	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	2.9	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	2.5	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	1.9	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,3,5-Trimethylbenzene (Mesitylene)	56		1.8	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	2.1	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,3-Dichloropropane	ND	U	2.2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	2.5	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	2,2-Dichloropropane	ND	U	1.7	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	10	50	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	2-Chlorotoluene	ND	U	1.6	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	2-Hexanone	ND	U	9.9	50	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	4-Chlorotoluene	ND	U	1.8	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	9.2	50	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Acetone	ND	U	14	50	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Benzene	45		2.3	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Bromobenzene	ND	U	2.2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Bromochloromethane	ND	U	2.7	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Bromodichloromethane	ND	U	2.2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Bromoform	ND	U	3.2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Bromomethane	ND	U	5.9	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Carbon Disulfide	ND	U	1.5	50	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	3.4	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Chlorobenzene	ND	U	1.5	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Chloroethane	ND	U	3.2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Chloroform	ND	U	1.4	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Chloromethane	ND	U	2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Dibromochloromethane	ND	U	2.2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Dibromomethane	ND	U	2.1	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	1.2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Ethylbenzene	56		2.1	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Hexachlorobutadiene	ND	U	3.6	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	18		2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Methylene Chloride	ND	U	2.4	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Naphthalene	47		3.7	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Styrene	ND	U	1.8	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	2.1	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	1.8	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Toluene	64		1.8	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	1.3	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	1.4	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	Vinyl chloride	ND	U	1.6	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	2	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	1.5	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	m,p-Xylene (sum of isomers)	420		3.6	20	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	n-Butylbenzene	12		3.5	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	n-Propylbenzene	20		1.6	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	o-Xylene (1,2-Dimethylbenzene)	190		1.9	10	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	p-Isopropyltoluene (p-Cymene)	12		2.9	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	sec-Butylbenzene	ND	U	1.9	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	t-Butylbenzene	ND	U	1.6	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	2.9	10	ug/L
AA1-BED-GW001	PBOW-07-GW-AA1-AA1BEDGW00	N1	11/9/2007	9:30	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	1.6	10	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW9014	Cyanide	ND	U	0.002	0.01	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8330	1,3,5-Trinitrobenzene	ND	U	0.036	0.21	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8330	1,3-Dinitrobenzene	ND	U	0.022	0.21	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8330	2,4,6-Trinitrotoluene	ND	U	0.038	0.21	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8330	2,4-Dinitrotoluene	ND	U	0.062	0.41	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8330	2,6-Dinitrotoluene	ND	U	0.087	0.41	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.061	0.41	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8330	2-Nitrotoluene	ND	U	0.11	0.41	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8330	3-Nitrotoluene	ND	U	0.093	0.41	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.086	0.41	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8330	4-Nitrotoluene	ND	U	0.086	0.41	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8330	HMX	ND	U	0.038	0.41	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8330	Nitrobenzene	ND	U	0.033	0.21	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8330	RDX	ND	U	0.054	0.21	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8330	Tetryl	ND	U	0.08	0.51	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Aluminum (total)	ND	U	0.016	0.2	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Antimony (total)	ND	U	0.0042	0.02	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Arsenic (total)	ND	U	0.0028	0.01	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Barium (total)	0.035		0.00027	0.01	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Beryllium (total)	ND	U	0.00013	0.004	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Cadmium (total)	ND	U	0.00046	0.002	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Calcium (total)	110		0.029	0.1	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Chromium (total)	ND	U	0.0016	0.01	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Cobalt (total)	ND	U	0.0011	0.005	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Copper (total)	ND	U	0.00084	0.01	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Iron (total)	ND	U	0.02	0.1	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Lead (total)	ND	U	0.0018	0.005	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Magnesium (total)	22		0.027	0.1	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Manganese (total)	ND	U	0.0017	0.01	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Nickel (total)	ND	U	0.0024	0.01	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Potassium (total)	0.51		0.071	0.5	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Selenium (total)	ND	U	0.0042	0.01	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Silver (total)	ND	U	0.0012	0.005	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Sodium (total)	6.2		0.41	1	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Thallium (total)	ND	U	0.0045	0.01	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Vanadium (total)	ND	U	0.0012	0.005	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW6010B	Zinc (total)	ND	U	0.0025	0.02	mg/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW7470A	Mercury (total)	ND	U	0.065	0.2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.091	0.47	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.11	0.47	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.19	0.47	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.15	0.47	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.22	0.47	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.059	0.47	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.071	0.47	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.23	1.9	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	1,2-Dichlorobenzene	ND	U	0.19	1.9	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	1,3-Dichlorobenzene	ND	U	0.2	1.9	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	1,4-Dichlorobenzene	ND	U	0.19	1.9	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	2,4,5-Trichlorophenol	ND	U	2.5	9.5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	2,4,6-Trichlorophenol	ND	U	0.64	4.8	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	2,4-Dichlorophenol	ND	U	3	9.5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	2,4-Dimethylphenol	ND	U	1	9.5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	2,4-Dinitrophenol	ND	U	3	19	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	2,4-Dinitrotoluene	ND	U	0.43	0.95	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	2,6-Dinitrotoluene	ND	U	0.11	0.48	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	2-Chloronaphthalene	ND	U	0.16	1.9	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	2-Chlorophenol	ND	U	0.2	4.8	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	2-Methylnaphthalene	ND	U	0.15	0.48	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.41	1.9	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	2-Nitroaniline	ND	U	0.52	4.8	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	2-Nitrophenol	ND	U	0.61	9.5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.24	4.8	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	3-Nitroaniline	ND	U	0.95	9.5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	1.7	19	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.15	4.8	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	4-Chloro-3-methylphenol	ND	U	2.3	9.5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	4-Chloroaniline	ND	U	0.74	9.5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.23	4.8	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.18	1.9	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	4-Nitroaniline	ND	U	2.2	9.5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	4-Nitrophenol	ND	U	2.3	19	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Acenaphthene	ND	U	0.055	0.95	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Acenaphthylene	ND	U	0.055	0.95	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Anthracene	ND	U	0.065	0.95	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Benzidine	ND	UJ	8.5	38	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Benzo(a)anthracene	ND	U	0.063	0.19	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Benzo(a)pyrene	ND	U	0.042	0.19	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Benzo(b)fluoranthene	ND	U	0.04	0.19	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Benzo(g,h,i)perylene	ND	U	0.1	0.95	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Benzo(k)fluoranthene	ND	U	0.075	0.19	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Benzoic acid	-	R	-	-	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Benzyl alcohol	ND	U	2.5	19	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Butylbenzylphthalate	ND	U	0.19	1.9	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Carbazole	ND	UJ	0.78	4.8	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Chrysene	ND	U	0.065	0.48	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Di-n-butylphthalate	ND	U	0.61	4.8	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Di-n-octylphthalate	ND	U	1.6	9.5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Dibenz(a,h)anthracene	ND	U	0.054	0.29	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Dibenzofuran	ND	U	0.23	1.9	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Diethylphthalate	ND	U	0.19	1.9	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Dimethylphthalate	ND	U	0.12	1.9	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Fluoranthene	ND	U	0.065	0.95	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Fluorene	ND	U	0.054	0.95	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Hexachlorobenzene	ND	U	0.063	0.48	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Hexachlorobutadiene	ND	U	0.24	4.8	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Hexachlorocyclopentadiene	ND	U	4.2	19	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Hexachloroethane	ND	U	0.24	4.8	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	0.069	0.19	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Isophorone	ND	U	0.55	1.9	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.14	0.48	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	N-Nitrosodiphenylamine	ND	U	0.19	0.95	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Naphthalene	ND	U	0.095	0.95	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Nitrobenzene	ND	U	0.29	0.95	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Pentachlorophenol	ND	U	2	19	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Phenanthrene	ND	U	0.068	0.95	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Phenol	ND	U	1.2	4.8	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	Pyrene	ND	U	0.068	0.95	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.13	1.9	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.23	1.9	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.19	1.9	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.8	9.5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,1,1,2-Tetrachloroethane	ND	U	0.18	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,1,1-Trichloroethane	34		0.23	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.25	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,1,2-Trichloroethane	ND	U	0.32	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,1-Dichloroethane	6.5		0.18	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,1-Dichloroethene	ND	U	0.22	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,1-Dichloropropene	ND	U	0.17	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.2	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2,3-Trichloropropane	ND	U	0.39	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.2	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2,4-Trimethylbenzene	ND	U	0.12	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2-Dibromo-3-chloropropane	ND	UJ	0.85	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.24	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2-Dichlorobenzene	ND	U	0.15	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2-Dichloroethane	ND	U	0.22	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,2-Dichloropropane	ND	U	0.23	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,3,5-Trimethylbenzene (Mesitylene)	ND	U	0.14	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,3-Dichlorobenzene	ND	U	0.19	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,3-Dichloropropane	ND	U	0.17	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	1,4-Dichlorobenzene	ND	U	0.15	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	2,2-Dichloropropane	ND	U	0.3	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	0.83	5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	2-Chlorotoluene	ND	U	0.16	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	2-Hexanone	ND	U	0.77	5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	4-Chlorotoluene	ND	U	0.14	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.58	5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Acetone	ND	U	1.2	5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Benzene	ND	U	0.16	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Bromobenzene	ND	U	0.15	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Bromochloromethane	ND	U	0.33	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Bromodichloromethane	ND	U	0.18	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Bromoform	ND	UJ	0.3	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Bromomethane	ND	U	0.44	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Carbon Disulfide	ND	U	0.39	5	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Carbon tetrachloride	ND	U	0.21	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Chlorobenzene	ND	U	0.17	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Chloroethane	ND	U	0.45	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Chloroform	ND	U	0.13	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Chloromethane	ND	U	0.33	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Cymene (4-isopropyltoluene)	ND	U	0.12	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Dibromochloromethane	ND	U	0.19	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Dibromomethane	ND	U	0.31	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Dichlorodifluoromethane	ND	U	0.29	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Ethylbenzene	ND	U	0.17	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Hexachlorobutadiene	ND	U	0.27	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.14	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Methylene Chloride	ND	U	0.99	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Naphthalene	ND	U	0.32	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Styrene	ND	U	0.15	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.16	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Toluene	ND	U	0.16	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Trichloroethene (TCE)	ND	U	0.2	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Trichlorofluoromethane	ND	U	0.32	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Vinyl chloride	ND	U	0.23	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	Xylenes, Total	ND	U	0.23	2	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	cis-1,2-Dichloroethene	ND	U	0.21	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	cis-1,3-Dichloropropene	ND	U	0.16	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	n-Butylbenzene	ND	U	0.13	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	n-Propylbenzene	ND	U	0.11	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	o-Xylene (1,2-Dimethylbenzene)	ND	U	0.12	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	sec-Butylbenzene	ND	U	0.14	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	t-Butylbenzene	ND	U	0.13	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	trans-1,2-Dichloroethene	ND	U	0.17	1	ug/L
AA1-MKMW19	PBOW-08-GW-AA1-MKMW19-B	N1	5/5/2008	12:45	0	0	WG	SW8260B	trans-1,3-Dichloropropene	ND	U	0.13	1	ug/L
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	14	99	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	U	4.9	99	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	15	99	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	U	14	99	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	U	25	200	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	12	200	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	2-Nitrotoluene	ND	U	31	200	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	3-Nitrotoluene	ND	U	32	200	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	84	200	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	4-Nitrotoluene	ND	U	30	200	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	HMX	ND	U	30	200	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	MNX	ND	U	23	99	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	Nitrobenzene	ND	U	17	99	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	RDX	ND	U	33	200	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8330	Tetryl	ND	U	120	250	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Aluminum	8800	J	1.8	25	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Antimony	1.1	J	0.67	2.5	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Arsenic	7.2		0.33	1.2	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Barium	51	J	0.54	1.2	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Beryllium	0.47	J	0.018	0.49	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Cadmium	0.12	J	0.074	0.25	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Calcium	41000	J	3.2	12	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Chromium	13	J	0.14	1.2	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Cobalt	5.7		0.12	0.62	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Copper	16	J	0.17	1.2	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Iron	16000	J	4.4	12	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Lead	8.9		0.3	0.62	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Magnesium	13000	J	2.1	12	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Manganese	260	J	0.18	1.2	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Nickel	15		0.53	1.2	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Potassium	1400		6	62	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Selenium	ND	UJ	0.47	1.2	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Silver	ND	U	0.12	0.62	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Sodium	ND	UJ	16	120	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Thallium	ND	UJ	0.58	1.2	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Vanadium	20	J	0.22	0.62	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW6010B	Zinc	36	J	0.31	2.5	mg/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW7471A	Mercury	27		6.7	21	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	6.8	20	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5.6	20	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5.4	20	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	5.9	20	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.3	20	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	U	4.5	20	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	ND	U	4	20	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	48	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	44	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	41	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	48	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	120	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	89	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	U	92	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	U	93	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	U	600	840	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	69	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	59	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2-Chloronaphthalene	ND	U	46	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2-Chlorophenol	ND	U	54	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2-Methylnaphthalene	ND	U	51	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	58	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2-Nitroaniline	ND	U	61	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	2-Nitrophenol	ND	U	120	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	49	210	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	3-Nitroaniline	ND	U	180	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	170	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	52	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	120	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	4-Chloroaniline	ND	U	200	840	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	48	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	74	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/16/2007	15:40	3	5	SO	SW8270C	4-Nitroaniline	ND	U	84	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	4-Nitrophenol	ND	U	140	840	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Acenaphthene	ND	U	8.7	42	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Acenaphthylene	ND	U	13	42	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Anthracene	ND	U	14	42	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Benzidine	ND	U	19	840	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Benzo(a)anthracene	ND	U	6.7	42	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Benzo(a)pyrene	ND	U	10	42	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	12	42	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Benzo(g,h,i)perylene	12	J	7.1	42	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	9.2	42	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Benzoic acid	ND	U	480	2100	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Benzyl alcohol	ND	U	200	420	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Butylbenzylphthalate	ND	U	59	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Carbazole	ND	U	53	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Chrysene	ND	U	11	42	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Di-n-butylphthalate	ND	U	54	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Di-n-octylphthalate	ND	U	55	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	22	42	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Dibenzofuran	ND	U	42	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Diethylphthalate	ND	U	54	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Dimethylphthalate	ND	U	47	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Fluoranthene	ND	U	16	42	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Fluorene	ND	U	9.2	42	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Hexachlorobenzene	ND	U	9.1	84	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Hexachlorobutadiene	ND	U	45	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	220	840	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Hexachloroethane	ND	U	46	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	23	42	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Isophorone	ND	U	50	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	56	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	48	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Naphthalene	ND	U	8.2	42	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Nitrobenzene	ND	U	11	42	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Pentachlorophenol	ND	U	290	840	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Phenanthrene	ND	U	13	42	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Phenol	ND	U	55	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	Pyrene	ND	U	9.8	42	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	45	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	58	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	51	210	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/16/2007	15:40	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	58	210	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,1,1,2-Tetrachloroethane	ND	U	0.59	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.71	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.7	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.81	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.58	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.3	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,1-Dichloropropene	ND	U	0.71	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	1.1	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,2,3-Trichloropropane	ND	U	1.2	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	1.2	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,2,4-Trimethylbenzene	ND	U	0.83	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.5	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.63	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.71	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.54	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.54	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,3,5-Trimethylbenzene (Mesitylene)	ND	U	0.8	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.71	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,3-Dichloropropane	ND	U	0.6	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.69	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	2,2-Dichloropropane	ND	U	1.4	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	2.2	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	2-Chlorotoluene	ND	U	0.65	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	2-Hexanone	ND	U	1.2	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	4-Chlorotoluene	ND	U	0.68	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.71	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Acetone	ND	U	4.2	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Benzene	ND	U	0.68	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Bromobenzene	ND	U	0.48	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.74	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.56	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Bromoform	ND	U	0.73	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Bromomethane	ND	U	3	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Carbon Disulfide	18		0.98	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.72	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Chlorobenzene	ND	U	0.55	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Chloroethane	ND	U	3	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Chloroform	ND	U	0.67	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Chloromethane	ND	U	1.3	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Cymene (4-isopropyltoluene)	ND	U	0.81	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.64	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Dibromomethane	ND	U	0.79	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	0.93	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.63	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Hexachlorobutadiene	ND	U	2.6	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.67	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Methylene Chloride	ND	U	1.6	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Naphthalene	ND	U	0.98	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Styrene	ND	U	0.61	4.9	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.54	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.88	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Toluene	ND	U	1.7	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.65	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	1.5	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Vinyl chloride	ND	U	0.77	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	Xylenes, Total	ND	U	1.2	9.8	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	0.55	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.57	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	n-Butylbenzene	ND	U	1.1	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	n-Propylbenzene	ND	U	0.73	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	o-Xylene (1,2-Dimethylbenzene)	ND	U	0.61	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	sec-Butylbenzene	ND	U	0.82	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	t-Butylbenzene	ND	U	0.77	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	0.76	4.9	ug/Kg
AA1-SB16	PBOW-07-SO-AA1-SB16-B-3'-5'	N1	4/18/2007	15:40	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.59	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	14	99	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	U	4.9	99	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	15	99	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	U	14	99	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	U	25	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	12	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	2-Nitrotoluene	ND	U	31	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	3-Nitrotoluene	ND	U	32	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	84	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	4-Nitrotoluene	ND	U	30	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	HMX	ND	U	30	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	MNX	ND	U	23	99	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	Nitrobenzene	ND	U	17	99	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	RDX	ND	U	33	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8330	Tetryl	ND	U	120	250	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Aluminum	8500	J	1.7	22	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Antimony	0.76	J	0.6	2.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Arsenic	3.5		0.3	1.1	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Barium	36	J	0.49	1.1	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Beryllium	0.56		0.017	0.45	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Cadmium	0.24		0.067	0.22	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Calcium	2800	J	2.9	11	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Chromium	9.7	J	0.12	1.1	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Cobalt	4.4		0.11	0.56	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Copper	8	J	0.16	1.1	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Iron	10000	J	4	11	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Lead	7.5		0.27	0.56	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Magnesium	1200	J	1.9	11	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Manganese	60	J	0.17	1.1	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Nickel	15		0.48	1.1	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Potassium	400		5.5	56	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Selenium	ND	UJ	0.43	1.1	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Silver	ND	U	0.11	0.56	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Sodium	ND	UJ	14	110	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Thallium	ND	UJ	0.53	1.1	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Vanadium	17	J	0.2	0.56	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW6010B	Zinc	46	J	0.26	2.2	mg/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW7471A	Mercury	25		6.5	21	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	6.7	20	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5.5	20	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5.4	20	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	5.9	20	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.3	20	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	U	4.5	20	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	ND	U	4	20	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	45	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	41	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	38	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	45	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	120	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	83	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	U	86	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	U	86	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	U	560	790	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	64	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	55	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2-Chloronaphthalene	ND	U	43	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2-Chlorophenol	ND	U	51	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2-Methylnaphthalene	ND	U	48	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	54	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2-Nitroaniline	ND	U	56	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	2-Nitrophenol	ND	U	110	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	45	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	3-Nitroaniline	ND	U	170	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	150	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	48	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	120	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	4-Chloroaniline	ND	U	190	790	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	45	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	69	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	4-Nitroaniline	ND	U	78	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	4-Nitrophenol	ND	U	130	790	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Acenaphthene	ND	U	8.1	39	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Acenaphthylene	29	J	12	39	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Anthracene	23	J	13	39	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Benzidine	ND	U	17	790	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Benzo(a)anthracene	110		6.2	39	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Benzo(a)pyrene	150		9.3	39	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Benzo(b)fluoranthene	190		12	39	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Benzo(g,h,i)perylene	98		6.6	39	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Benzo(k)fluoranthene	130		8.6	39	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Benzoic acid	ND	U	450	2000	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Benzyl alcohol	ND	U	190	390	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Butylbenzylphthalate	ND	U	55	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Carbazole	ND	U	50	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Chrysene	150		10	39	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Di-n-butylphthalate	ND	U	50	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Di-n-octylphthalate	ND	U	51	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Dibenz(a,h)anthracene	26	J	21	39	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Dibenzofuran	ND	U	39	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Diethylphthalate	ND	U	50	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Dimethylphthalate	ND	U	44	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Fluoranthene	300		15	39	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Fluorene	12	J	8.6	39	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Hexachlorobenzene	ND	U	8.5	79	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Hexachlorobutadiene	ND	U	42	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	210	790	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Hexachloroethane	ND	U	43	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	88		21	39	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Isophorone	ND	U	46	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	52	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	45	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Naphthalene	11	J	7.6	39	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Nitrobenzene	ND	U	10	39	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Pentachlorophenol	ND	U	270	790	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Phenanthrene	130		12	39	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Phenol	ND	U	51	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	Pyrene	200		9.2	39	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	42	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	54	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	47	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	54	200	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,1,1,2-Tetrachloroethane	ND	U	0.59	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.71	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.7	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.8	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.58	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.3	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,1-Dichloropropene	ND	U	0.71	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	1.1	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,2,3-Trichloropropane	ND	U	1.2	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	1.2	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,2,4-Trimethylbenzene	ND	U	0.83	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.5	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.63	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.71	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.54	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.54	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,3,5-Trimethylbenzene (Mesitylene)	ND	U	0.79	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.71	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,3-Dichloropropane	ND	U	0.6	4.9	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.69	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	2,2-Dichloropropane	ND	U	1.4	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	2.2	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	2-Chlorotoluene	ND	U	0.65	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	2-Hexanone	ND	U	1.2	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	4-Chlorotoluene	ND	U	0.68	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.71	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Acetone	ND	U	4.2	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Benzene	ND	U	0.68	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Bromobenzene	ND	U	0.48	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.74	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.56	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Bromoform	ND	U	0.73	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Bromomethane	ND	U	3	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Carbon Disulfide	ND	U	0.98	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.72	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Chlorobenzene	ND	U	0.55	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Chloroethane	ND	U	3	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Chloroform	ND	U	0.67	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Chloromethane	ND	U	1.3	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Cymene (4-isopropyltoluene)	ND	U	0.8	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.64	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Dibromomethane	ND	U	0.78	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	0.93	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.63	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Hexachlorobutadiene	ND	U	2.6	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.67	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Methylene Chloride	ND	U	1.6	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Naphthalene	ND	U	0.98	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Styrene	ND	U	0.61	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.54	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.88	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Toluene	ND	U	1.7	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.65	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	1.5	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Vinyl chloride	ND	U	0.77	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	Xylenes, Total	ND	U	1.2	9.8	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	0.55	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.57	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	n-Butylbenzene	ND	U	1.1	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	n-Propylbenzene	ND	U	0.73	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	o-Xylene (1,2-Dimethylbenzene)	ND	U	0.61	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	sec-Butylbenzene	ND	U	0.82	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	t-Butylbenzene	ND	U	0.77	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	0.76	4.9	ug/Kg
AA1-SB20	PBOW-07-SO-AA1-SB20-B-3'-5'	N1	4/19/2007	8:55	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.59	4.9	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	14	99	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	1,3-Dinitrobenzene	ND	U	5	99	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	15	99	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	2,4-Dinitrotoluene	ND	U	14	99	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	2,6-Dinitrotoluene	ND	U	25	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	12	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	2-Nitrotoluene	ND	U	31	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	3-Nitrotoluene	ND	U	32	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	85	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	4-Nitrotoluene	ND	U	30	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	HMX	ND	U	30	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	MNX	ND	U	23	99	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	Nitrobenzene	ND	U	17	99	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	RDX	ND	U	33	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8330	Tetryl	ND	U	120	250	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Aluminum	6700	J	1.7	23	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Antimony	1	J	0.62	2.3	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Arsenic	3.5		0.31	1.1	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Barium	16	J	0.5	1.1	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Beryllium	0.35	J	0.017	0.46	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Cadmium	0.078	J	0.069	0.23	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Calcium	1600	J	3	11	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Chromium	11	J	0.13	1.1	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Cobalt	3.9		0.11	0.57	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Copper	5.1	J	0.16	1.1	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Iron	14000	J	4.1	11	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Lead	28		0.27	0.57	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Magnesium	800	J	1.9	11	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Manganese	210	J	0.17	1.1	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Nickel	7.7		0.49	1.1	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Potassium	210		5.6	57	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Selenium	ND	UJ	0.43	1.1	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Silver	ND	U	0.11	0.57	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Sodium	ND	UJ	14	110	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Thallium	ND	UJ	0.54	1.1	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Vanadium	26	J	0.21	0.57	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW6010B	Zinc	30	J	0.29	2.3	mg/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW7471A	Mercury	29		6.4	20	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	33	98	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	27	98	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	26	98	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	29	98	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	21	98	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	U	22	98	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8082	PCB-1260 (Aroclor 1260)	940		19	98	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	46	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	42	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	39	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	46	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	120	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	85	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4-Dichlorophenol	ND	U	88	400	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4-Dimethylphenol	ND	U	88	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4-Dinitrophenol	ND	U	570	800	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	66	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	56	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Chloronaphthalene	ND	U	44	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Chlorophenol	ND	U	52	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Methylnaphthalene	ND	U	49	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	56	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Nitroaniline	ND	U	58	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	2-Nitrophenol	ND	U	110	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	46	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	3-Nitroaniline	ND	U	170	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	160	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	50	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	120	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Chloroaniline	ND	U	190	800	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	46	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	70	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Nitroaniline	ND	U	80	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	4-Nitrophenol	ND	U	140	800	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Acenaphthene	ND	U	8.3	40	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Acenaphthylene	ND	U	12	40	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Anthracene	ND	U	14	40	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzidine	ND	U	18	800	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzo(a)anthracene	9.5	J	6.4	40	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzo(a)pyrene	9.8	J	9.5	40	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzo(b)fluoranthene	15	J	12	40	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzo(g,h,i)perylene	9.1	J	6.7	40	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	8.8	40	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzoic acid	ND	U	460	2000	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Benzyl alcohol	ND	U	190	400	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Butylbenzylphthalate	ND	U	56	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Carbazole	ND	U	51	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Chrysene	12	J	10	40	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Di-n-butylphthalate	ND	U	52	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Di-n-octylphthalate	ND	U	52	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	21	40	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Dibenzofuran	ND	U	40	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Diethylphthalate	ND	U	52	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Dimethylphthalate	ND	U	45	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Fluoranthene	ND	U	15	40	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Fluorene	ND	U	8.8	40	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Hexachlorobenzene	ND	U	8.6	80	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Hexachlorobutadiene	ND	U	43	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	210	800	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Hexachloroethane	ND	U	44	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	22	40	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Isophorone	ND	U	48	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	53	200	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	46	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Naphthalene	ND	U	7.8	40	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Nitrobenzene	ND	U	10	40	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Pentachlorophenol	ND	U	280	800	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Phenanthrene	ND	U	12	40	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Phenol	ND	U	52	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	Pyrene	11	J	9.4	40	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	43	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	55	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	48	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	55	200	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1,1,2-Tetrachloroethane	ND	U	0.51	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.61	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.6	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.69	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.5	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.1	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,1-Dichloropropene	ND	U	0.61	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.93	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2,3-Trichloropropane	ND	U	1	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	1	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2,4-Trimethylbenzene	ND	U	0.72	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.3	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.54	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.61	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.46	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.46	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,3,5-Trimethylbenzene (Mesitylene)	ND	U	0.68	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.61	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,3-Dichloropropane	ND	U	0.51	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.59	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	2,2-Dichloropropane	ND	U	1.2	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.9	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	2-Chlorotoluene	ND	U	0.56	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	2-Hexanone	ND	U	1	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	4-Chlorotoluene	ND	U	0.58	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.61	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Acetone	ND	U	3.6	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Benzene	ND	U	0.58	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Bromobenzene	ND	U	0.41	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Bromochloromethane	ND	U	0.63	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Bromodichloromethane	ND	U	0.48	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Bromoform	ND	U	0.62	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Bromomethane	ND	U	2.6	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Carbon Disulfide	ND	U	0.84	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Carbon tetrachloride	ND	U	0.62	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Chlorobenzene	ND	U	0.47	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Chloroethane	ND	U	2.6	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Chloroform	ND	U	0.57	4.2	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Chloromethane	ND	U	1.1	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Cymene (4-isopropyltoluene)	ND	U	0.69	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Dibromochloromethane	ND	U	0.55	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Dibromomethane	ND	U	0.67	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Dichlorodifluoromethane	ND	U	0.8	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Ethylbenzene	ND	U	0.54	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Hexachlorobutadiene	ND	U	2.2	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.57	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Methylene Chloride	ND	U	1.3	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Naphthalene	ND	U	0.84	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Styrene	ND	U	0.52	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.46	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.76	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Toluene	ND	U	1.4	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.56	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Trichlorofluoromethane	ND	U	1.3	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Vinyl chloride	ND	U	0.66	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	Xylenes, Total	ND	U	1	8.4	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	0.47	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.49	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	n-Butylbenzene	ND	U	0.93	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	n-Propylbenzene	ND	U	0.62	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	o-Xylene (1,2-Dimethylbenzene)	ND	U	0.52	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	sec-Butylbenzene	ND	U	0.71	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	t-Butylbenzene	ND	U	0.66	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	0.65	4.2	ug/Kg
AA1-SB28	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	N1	4/19/2007	13:45	0.5	1.5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.51	4.2	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	14	100	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	U	5	100	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	15	100	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	2,4-Dinitrotoluene	130		14	100	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	U	25	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	12	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	2-Nitrotoluene	ND	U	32	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	3-Nitrotoluene	ND	U	32	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	85	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	4-Nitrotoluene	ND	U	30	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	HMX	ND	U	30	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	MNX	ND	U	23	100	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	Nitrobenzene	ND	U	17	100	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	RDX	ND	U	33	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8330	Tetryl	ND	U	120	250	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Aluminum	8400	J	1.7	22	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Antimony	1.4	J	0.6	2.2	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Arsenic	10		0.3	1.1	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Barium	52	J	0.49	1.1	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Beryllium	0.33	J	0.017	0.44	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Cadmium	ND	U	0.067	0.22	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Calcium	1300	J	2.9	11	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Chromium	17	J	0.12	1.1	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Cobalt	5.6		0.1	0.55	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Copper	27	J	0.16	1.1	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Iron	28000	J	4	11	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Lead	15		0.27	0.55	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Magnesium	2500	J	1.9	11	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Manganese	120	J	0.17	1.1	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Nickel	19		0.48	1.1	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Potassium	1100		5.4	55	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Selenium	ND	UJ	0.42	1.1	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Silver	0.11	J	0.11	0.55	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Sodium	ND	UJ	14	110	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Thallium	ND	UJ	0.52	1.1	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Vanadium	29	J	0.2	0.55	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW6010B	Zinc	52	J	0.28	2.2	mg/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW7471A	Mercury	ND	U	6.5	20	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	6.5	19	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5.3	19	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5.2	19	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	5.7	19	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.2	19	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	U	4.3	19	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	12	J	3.8	19	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	45	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	41	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	38	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	45	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	120	390	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	84	390	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	U	87	390	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	U	87	390	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	U	570	790	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2,4-Dinitrotoluene	110	J	65	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	55	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2-Chloronaphthalene	ND	U	43	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2-Chlorophenol	ND	U	51	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2-Methylnaphthalene	ND	U	48	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	55	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2-Nitroaniline	ND	U	57	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	2-Nitrophenol	ND	U	110	390	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	46	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	3-Nitroaniline	ND	U	170	390	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	160	390	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	49	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	120	390	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	4-Chloroaniline	ND	U	190	790	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	45	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	69	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	4-Nitroaniline	ND	U	79	390	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	4-Nitrophenol	ND	U	140	790	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Acenaphthene	ND	U	8.2	39	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Acenaphthylene	ND	U	12	39	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Anthracene	ND	U	14	39	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Benzidine	ND	U	18	790	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Benzo(a)anthracene	ND	U	6.3	39	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Benzo(a)pyrene	ND	U	9.4	39	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	12	39	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	6.6	39	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	8.6	39	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Benzoic acid	ND	U	450	2000	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Benzyl alcohol	ND	U	190	390	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Butylbenzylphthalate	ND	U	55	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Carbazole	ND	U	50	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Chrysene	ND	U	10	39	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Di-n-butylphthalate	ND	U	51	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Di-n-octylphthalate	ND	U	51	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	21	39	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Dibenzofuran	ND	U	39	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Diethylphthalate	ND	U	51	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Dimethylphthalate	ND	U	44	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Fluoranthene	ND	U	15	39	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Fluorene	ND	U	8.6	39	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Hexachlorobenzene	ND	U	8.5	79	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Hexachlorobutadiene	ND	U	42	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	210	790	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Hexachloroethane	ND	U	43	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	21	39	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Isophorone	ND	U	47	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	53	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	45	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Naphthalene	ND	U	7.7	39	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Nitrobenzene	ND	U	10	39	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Pentachlorophenol	ND	U	270	790	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Phenanthrene	ND	U	12	39	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Phenol	ND	U	51	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	Pyrene	ND	U	9.2	39	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	42	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	54	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	47	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	55	200	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,1,1,2-Tetrachloroethane	ND	U	0.63	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.76	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.75	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.86	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.62	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.4	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,1-Dichloropropene	ND	U	0.76	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	1.2	5.3	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,2,3-Trichloropropane	ND	U	1.3	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	1.3	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,2,4-Trimethylbenzene	ND	U	0.89	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.6	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.67	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.76	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.58	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.58	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,3,5-Trimethylbenzene (Mesitylene)	ND	U	0.85	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.76	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,3-Dichloropropane	ND	U	0.64	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.74	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	2,2-Dichloropropane	ND	U	1.5	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	2.3	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	2-Chlorotoluene	ND	U	0.69	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	2-Hexanone	ND	U	1.3	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	4-Chlorotoluene	ND	U	0.73	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.76	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Acetone	14		4.5	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Benzene	ND	U	0.73	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Bromobenzene	ND	U	0.52	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.79	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.6	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Bromoform	ND	U	0.78	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Bromomethane	ND	U	3.3	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Carbon Disulfide	ND	U	1.1	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.77	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Chlorobenzene	ND	U	0.59	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Chloroethane	ND	U	3.3	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Chloroform	ND	U	0.71	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Chloromethane	ND	U	1.4	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Cymene (4-isopropyltoluene)	ND	U	0.86	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.68	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Dibromomethane	ND	U	0.84	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	1	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.67	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Hexachlorobutadiene	ND	U	2.7	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.71	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Methylene Chloride	ND	U	1.7	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Naphthalene	ND	U	1.1	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Styrene	ND	U	0.65	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.58	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.95	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Toluene	ND	U	1.8	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.69	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	1.6	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Vinyl chloride	ND	U	0.82	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	Xylenes, Total	ND	U	1.3	11	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	0.59	5.3	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.61	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	n-Butylbenzene	ND	U	1.2	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	n-Propylbenzene	ND	U	0.78	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	o-Xylene (1,2-Dimethylbenzene)	ND	U	0.65	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	sec-Butylbenzene	ND	U	0.88	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	t-Butylbenzene	ND	U	0.82	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	0.81	5.3	ug/Kg
AA1-SB30	PBOW-07-SO-AA1-SB30-B-3'-5'	N1	4/19/2007	15:50	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.63	5.3	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	1,3,5-Trinitrobenzene	ND	U	14	100	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	1,3-Dinitrobenzene	ND	U	5	100	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	2,4,6-Trinitrotoluene	ND	U	15	100	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	2,4-Dinitrotoluene	ND	U	14	100	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	2,6-Dinitrotoluene	ND	U	25	200	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	12	200	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	2-Nitrotoluene	ND	U	32	200	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	3-Nitrotoluene	ND	U	33	200	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	86	200	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	4-Nitrotoluene	ND	U	30	200	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	HMX	ND	U	30	200	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	MNX	ND	U	23	100	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	Nitrobenzene	ND	U	17	100	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	RDX	ND	U	33	200	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8330	Tetryl	ND	U	120	250	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Aluminum	7500	J	1.9	25	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Antimony	0.94	J	0.68	2.5	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Arsenic	7		0.34	1.3	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Barium	66	J	0.55	1.3	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Beryllium	0.48	J	0.019	0.5	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Cadmium	ND	U	0.075	0.25	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Calcium	2800	J	3.3	13	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Chromium	13	J	0.14	1.3	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Cobalt	7.5		0.12	0.63	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Copper	14	J	0.18	1.3	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Iron	18000	J	4.5	13	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Lead	9.1		0.3	0.63	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Magnesium	2200	J	2.1	13	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Manganese	200	J	0.19	1.3	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Nickel	21		0.54	1.3	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Potassium	610		6.1	63	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Selenium	ND	UJ	0.48	1.3	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Silver	ND	U	0.13	0.63	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Sodium	ND	UJ	16	130	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Thallium	ND	UJ	0.59	1.3	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Vanadium	22	J	0.23	0.63	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW6010B	Zinc	38	J	0.31	2.5	mg/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW7471A	Mercury	21	J	6.8	21	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1016 (Aroclor 1016)	ND	U	6.9	21	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5.7	21	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5.6	21	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1242 (Aroclor 1242)	ND	U	6.1	21	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.5	21	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1254 (Aroclor 1254)	ND	U	4.6	21	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8082	PCB-1260 (Aroclor 1260)	ND	U	4.1	21	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	1,2,4-Trichlorobenzene	ND	U	48	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	1,2-Dichlorobenzene	ND	U	44	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	1,3-Dichlorobenzene	ND	U	41	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	1,4-Dichlorobenzene	ND	U	48	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2,4,5-Trichlorophenol	ND	U	120	410	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2,4,6-Trichlorophenol	ND	U	89	410	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2,4-Dichlorophenol	ND	U	92	410	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2,4-Dimethylphenol	ND	U	92	410	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2,4-Dinitrophenol	ND	U	600	840	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2,4-Dinitrotoluene	ND	U	69	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2,6-Dinitrotoluene	ND	U	59	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2-Chloronaphthalene	ND	U	46	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2-Chlorophenol	ND	U	54	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2-Methylnaphthalene	ND	U	51	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2-Methylphenol (o-Cresol)	ND	U	58	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2-Nitroaniline	ND	U	60	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	2-Nitrophenol	ND	U	120	410	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	3,3'-Dichlorobenzidine	ND	U	49	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	3-Nitroaniline	ND	U	180	410	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	160	410	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	4-Bromophenyl phenyl ether	ND	U	52	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	4-Chloro-3-methylphenol	ND	U	120	410	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	4-Chloroaniline	ND	U	200	840	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	4-Chlorophenyl phenyl ether	ND	U	48	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	4-Methylphenol (p-Cresol)	ND	U	74	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	4-Nitroaniline	ND	U	83	410	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	4-Nitrophenol	ND	U	140	840	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Acenaphthene	ND	U	8.7	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Acenaphthylene	ND	U	13	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Anthracene	ND	U	14	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Benzidine	ND	U	19	840	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Benzo(a)anthracene	ND	U	6.7	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Benzo(a)pyrene	ND	U	9.9	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Benzo(b)fluoranthene	ND	U	12	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Benzo(g,h,i)perylene	ND	U	7	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Benzo(k)fluoranthene	ND	U	9.2	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Benzoic acid	ND	U	480	2100	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Benzyl alcohol	ND	U	200	410	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Butylbenzylphthalate	ND	U	59	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Carbazole	ND	U	53	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Chrysene	ND	U	11	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Di-n-butylphthalate	ND	U	54	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Di-n-octylphthalate	ND	U	55	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Dibenz(a,h)anthracene	ND	U	22	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Dibenzofuran	ND	U	42	210	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Diethylphthalate	ND	U	54	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Dimethylphthalate	ND	U	47	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Fluoranthene	ND	U	16	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Fluorene	ND	U	9.2	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Hexachlorobenzene	ND	U	9.1	84	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Hexachlorobutadiene	ND	U	45	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Hexachlorocyclopentadiene	ND	U	220	840	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Hexachloroethane	ND	U	46	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	23	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Isophorone	ND	U	50	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	N-Nitroso-di-n-propylamine	ND	U	56	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	N-Nitrosodiphenylamine	ND	U	48	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Naphthalene	ND	U	8.2	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Nitrobenzene	ND	U	11	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Pentachlorophenol	ND	U	290	840	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Phenanthrene	ND	U	13	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Phenol	ND	U	54	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	Pyrene	ND	U	9.8	41	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	bis(2-Chloroethoxy)methane	ND	U	45	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	58	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	50	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	58	210	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,1,1,2-Tetrachloroethane	ND	U	0.53	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,1,1-Trichloroethane	ND	U	0.64	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.63	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,1,2-Trichloroethane	ND	U	0.73	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,1-Dichloroethane	ND	U	0.53	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,1-Dichloroethene	ND	U	1.2	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,1-Dichloropropene	ND	U	0.64	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.98	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,2,3-Trichloropropane	ND	U	1.1	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,2,4-Trichlorobenzene	ND	U	1.1	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,2,4-Trimethylbenzene	ND	U	0.76	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.3	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.57	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,2-Dichlorobenzene	ND	U	0.64	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,2-Dichloroethane	ND	U	0.49	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,2-Dichloropropane	ND	U	0.49	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,3,5-Trimethylbenzene (Mesitylene)	ND	U	0.72	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,3-Dichlorobenzene	ND	U	0.64	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,3-Dichloropropane	ND	U	0.54	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	1,4-Dichlorobenzene	ND	U	0.62	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	2,2-Dichloropropane	ND	U	1.2	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	2	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	2-Chlorotoluene	ND	U	0.59	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	2-Hexanone	ND	U	1.1	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	4-Chlorotoluene	ND	U	0.61	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.64	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Acetone	33		3.8	4.5	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Benzene	ND	U	0.61	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Bromobenzene	ND	U	0.44	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Bromochloromethane	ND	U	0.67	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Bromodichloromethane	ND	U	0.51	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Bromoform	ND	U	0.66	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Bromomethane	ND	U	2.8	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Carbon Disulfide	ND	U	0.89	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Carbon tetrachloride	ND	U	0.65	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Chlorobenzene	ND	U	0.5	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Chloroethane	ND	U	2.8	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Chloroform	ND	U	0.61	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Chloromethane	ND	U	1.2	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Cymene (4-isopropyltoluene)	ND	U	0.73	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Dibromochloromethane	ND	U	0.58	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Dibromomethane	ND	U	0.71	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Dichlorodifluoromethane	ND	U	0.85	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Ethylbenzene	ND	U	0.57	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Hexachlorobutadiene	ND	U	2.3	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.61	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Methylene Chloride	ND	U	1.4	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Naphthalene	ND	U	0.89	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Styrene	ND	U	0.55	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.49	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Tetrachloroethene (PCE)	ND	U	0.8	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Toluene	ND	U	1.5	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Trichloroethene (TCE)	ND	U	0.59	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Trichlorofluoromethane	ND	U	1.3	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Vinyl chloride	ND	U	0.69	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	Xylenes, Total	ND	U	1.1	8.9	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	cis-1,2-Dichloroethene	ND	U	0.5	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	cis-1,3-Dichloropropene	ND	U	0.52	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	n-Butylbenzene	ND	U	0.98	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	n-Propylbenzene	ND	U	0.66	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	o-Xylene (1,2-Dimethylbenzene)	ND	U	0.55	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	sec-Butylbenzene	ND	U	0.75	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	t-Butylbenzene	ND	U	0.69	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	trans-1,2-Dichloroethene	ND	U	0.69	4.5	ug/Kg
AA1-SB35	PBOW-07-SO-AA1-SB35-B-3'-5'	N1	4/20/2007	12:55	3	5	SO	SW8260B	trans-1,3-Dichloropropene	ND	U	0.53	4.5	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	14	100	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	5	100	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8330	2,4,6-Trinitrotoluene	ND	U	15	100	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8330	2,4-Dinitrotoluene	ND	U	14	100	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	25	200	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	12	200	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8330	2-Nitrotoluene	ND	U	32	200	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8330	3-Nitrotoluene	ND	U	33	200	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	86	200	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8330	4-Nitrotoluene	ND	U	30	200	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8330	HMX	ND	U	30	200	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8330	Nitrobenzene	ND	U	17	100	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8330	RDX	ND	U	33	200	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8330	Tetryl	ND	U	120	250	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Aluminum	8200		1.9	26	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Antimony	ND	U	0.7	2.6	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Arsenic	4.3		0.35	1.3	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Barium	53		0.57	1.3	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Beryllium	0.55		0.019	0.52	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Cadmium	0.08	J	0.077	0.26	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Calcium	44000		3.3	13	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Chromium	14		0.14	1.3	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Cobalt	7.2		0.12	0.64	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Copper	18		0.18	1.3	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Iron	17000		4.6	13	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Lead	16		0.31	0.64	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Magnesium	15000		2.2	13	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Manganese	610		0.19	1.3	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Nickel	21		0.55	1.3	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Potassium	1800		6.3	64	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Selenium	0.55	J	0.49	1.3	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Silver	ND	U	0.13	0.64	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Sodium	ND	U	120	518	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Thallium	0.69	J	0.61	1.3	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Vanadium	21		0.23	0.64	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW6010B	Zinc	47		0.32	2.6	mg/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW7471A	Mercury	25		7.1	22	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	37	110	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	31	110	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	30	110	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	33	110	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	24	110	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	ND	U	25	110	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	750		22	110	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	U	48	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	U	44	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	U	41	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	U	49	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	U	130	420	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	U	90	420	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	U	93	420	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	U	93	420	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	U	610	850	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	U	69	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	U	59	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	2-Chloronaphthalene	ND	U	46	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	2-Chlorophenol	ND	U	55	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	2-Methylnaphthalene	ND	U	52	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	U	59	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	2-Nitroaniline	ND	U	61	210	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	2-Nitrophenol	ND	U	120	420	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	U	49	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	3-Nitroaniline	ND	U	180	420	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	170	420	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	U	53	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	U	130	420	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	4-Chloroaniline	ND	U	210	850	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	U	49	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	U	74	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	4-Nitroaniline	ND	U	84	420	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	4-Nitrophenol	ND	U	150	850	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Acenaphthene	ND	U	8.8	42	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Acenaphthylene	ND	U	13	42	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Anthracene	ND	U	15	42	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Benzidine	ND	U	19	850	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Benzo(a)anthracene	13	J	6.7	42	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Benzo(a)pyrene	16	J	10	42	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Benzo(b)fluoranthene	27	J	12	42	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Benzo(g,h,i)perylene	14	J	7.1	42	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Benzo(k)fluoranthene	ND	U	9.3	42	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Benzoic acid	ND	U	490	2100	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Benzyl alcohol	ND	U	200	420	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Butylbenzylphthalate	ND	U	59	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Carbazole	ND	U	54	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Chrysene	16	J	11	42	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Di-n-butylphthalate	ND	U	55	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Di-n-octylphthalate	ND	U	55	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	U	23	42	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Dibenzofuran	ND	U	42	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Diethylphthalate	ND	U	55	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Dimethylphthalate	ND	U	48	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Fluoranthene	24	J	16	42	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Fluorene	ND	U	9.3	42	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Hexachlorobenzene	ND	U	9.2	85	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Hexachlorobutadiene	ND	U	45	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	U	230	850	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Hexachloroethane	ND	U	47	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	23	42	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Isophorone	ND	U	50	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	U	56	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	U	49	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Naphthalene	ND	U	8.3	42	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Nitrobenzene	ND	U	11	42	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Pentachlorophenol	ND	U	290	850	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Phenanthrene	ND	U	13	42	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Phenol	ND	U	55	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	Pyrene	24	J	9.9	42	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	U	45	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	58	210	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	51	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	59	210	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,1,1,2-Tetrachloroethane	ND	U	0.59	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	0.71	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.7	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.8	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,1-Dichloroethane	ND	U	0.58	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	1.3	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,1-Dichloropropene	ND	U	0.71	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	1.1	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,2,3-Trichloropropane	ND	U	1.2	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	U	1.2	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,2,4-Trimethylbenzene	ND	U	0.83	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.5	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.63	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	U	0.71	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	0.54	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	0.54	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,3,5-Trimethylbenzene (Mesitylene)	ND	U	0.8	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	0.71	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,3-Dichloropropane	ND	U	0.6	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	U	0.69	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	2,2-Dichloropropane	ND	U	1.4	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	2.2	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	2-Chlorotoluene	ND	U	0.65	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	2-Hexanone	ND	U	1.2	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	4-Chlorotoluene	ND	U	0.68	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.71	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Acetone	25		4.2	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Benzene	ND	U	0.68	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Bromobenzene	ND	U	0.48	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Bromochloromethane	ND	U	0.74	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.56	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Bromoform	ND	U	0.73	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Bromomethane	ND	U	3	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Carbon Disulfide	ND	U	0.98	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	0.72	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Chlorobenzene	ND	U	0.55	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Chloroethane	ND	U	3	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Chloroform	ND	U	0.67	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Chloromethane	ND	U	1.3	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Cymene (4-isopropyltoluene)	ND	U	0.8	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.64	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Dibromomethane	ND	U	0.79	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	0.93	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Ethylbenzene	ND	U	0.63	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Hexachlorobutadiene	ND	U	2.6	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.67	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Methylene Chloride	ND	U	1.6	4.9	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Naphthalene	ND	U	0.98	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Styrene	ND	U	0.61	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.54	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	0.88	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Toluene	ND	U	1.7	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Trichloroethene (TCE)	ND	U	0.65	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	1.5	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Vinyl chloride	ND	U	0.77	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	Xylenes, Total	ND	U	1.2	9.8	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	0.55	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	0.57	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	n-Butylbenzene	ND	U	1.1	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	n-Propylbenzene	ND	U	0.73	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	o-Xylene (1,2-Dimethylbenzene)	ND	U	0.61	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	sec-Butylbenzene	ND	U	0.82	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	t-Butylbenzene	ND	U	0.77	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	0.76	4.9	ug/Kg
AA1-SD04	PBOW-07-SD-AAI-SD04-B	N1	5/24/2007	9:40	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.59	4.9	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8330	1,3,5-Trinitrobenzene	ND	U	14	100	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8330	1,3-Dinitrobenzene	ND	U	5	100	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8330	2,4,6-Trinitrotoluene	ND	U	15	100	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8330	2,4-Dinitrotoluene	ND	U	14	100	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8330	2,6-Dinitrotoluene	ND	U	25	200	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	12	200	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8330	2-Nitrotoluene	ND	U	32	200	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8330	3-Nitrotoluene	ND	U	32	200	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	85	200	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8330	4-Nitrotoluene	ND	U	30	200	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8330	HMX	ND	U	30	200	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8330	Nitrobenzene	ND	U	17	100	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8330	RDX	ND	U	33	200	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8330	Tetryl	ND	U	120	250	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Aluminum	6500		2.2	29	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Antimony	ND	U	0.78	2.9	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Arsenic	4.9		0.39	1.5	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Barium	52		0.64	1.5	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Beryllium	0.49	J	0.022	0.58	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Cadmium	0.18	J	0.087	0.29	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Calcium	39000		3.8	15	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Chromium	12		0.16	1.5	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Cobalt	9.4		0.14	0.73	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Copper	15		0.2	1.5	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Iron	16000		5.2	15	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Lead	11		0.35	0.73	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Magnesium	8500		2.5	15	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Manganese	1400		0.22	1.5	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Nickel	20		0.62	1.5	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Potassium	1500		7.1	73	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	[illegible]	SE	SW6010B	Selenium	0.95	J	0.[illegible]	1.5	mg/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Silver	0.19	J	0.15	0.73	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Sodium	ND	U	100	510	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Thallium	1.7		0.68	1.5	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Vanadium	19		0.26	0.73	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW6010B	Zinc	48		0.36	2.9	mg/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW7471A	Mercury	15	J	7.9	25	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1016 (Aroclor 1016)	ND	U	7.8	23	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1221 (Aroclor 1221)	ND	U	6.4	23	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1232 (Aroclor 1232)	ND	U	6.3	23	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1242 (Aroclor 1242)	ND	U	6.9	23	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1248 (Aroclor 1248)	ND	U	5	23	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1254 (Aroclor 1254)	ND	U	5.2	23	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8082	PCB-1260 (Aroclor 1260)	28		4.6	23	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	1,2,4-Trichlorobenzene	ND	U	54	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	1,2-Dichlorobenzene	ND	U	50	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	1,3-Dichlorobenzene	ND	U	46	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	1,4-Dichlorobenzene	ND	U	55	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	2,4,5-Trichlorophenol	ND	U	140	470	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	2,4,6-Trichlorophenol	ND	U	100	470	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	2,4-Dichlorophenol	ND	U	100	470	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	2,4-Dimethylphenol	ND	U	110	470	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	2,4-Dinitrophenol	ND	U	680	960	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	2,4-Dinitrotoluene	ND	U	78	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	2,6-Dinitrotoluene	ND	U	67	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	2-Chloronaphthalene	ND	U	52	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	2-Chlorophenol	ND	U	62	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	2-Methylnaphthalene	ND	U	58	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	2-Methylphenol (o-Cresol)	ND	U	66	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	2-Nitroaniline	ND	U	69	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	2-Nitrophenol	ND	U	130	470	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	3,3'-Dichlorobenzidine	ND	U	55	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	3-Nitroaniline	ND	U	210	470	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	190	470	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	4-Bromophenyl phenyl ether	ND	U	59	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	4-Chloro-3-methylphenol	ND	U	140	470	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	4-Chloroaniline	ND	U	230	960	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	4-Chlorophenyl phenyl ether	ND	U	55	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	4-Methylphenol (p-Cresol)	ND	U	84	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	4-Nitroaniline	ND	U	95	470	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	4-Nitrophenol	ND	U	160	960	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Acenaphthene	ND	U	9.9	47	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Acenaphthylene	ND	U	14	47	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Anthracene	ND	U	16	47	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Benzidine	ND	U	21	960	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Benzo(a)anthracene	37	J	7.6	47	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Benzo(a)pyrene	45	J	11	47	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Benzo(b)fluoranthene	64		14	47	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Benzo(g,h,i)perylene	30	J	8	47	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Benzo(k)fluoranthene	30	J	10	47	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Benzoic acid	ND	U	550	2400	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Benzyl alcohol	ND	U	230	470	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Butylbenzylphthalate	ND	U	67	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Carbazole	ND	U	60	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Chrysene	51		12	47	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Di-n-butylphthalate	ND	U	61	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Di-n-octylphthalate	ND	U	62	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Dibenz(a,h)anthracene	ND	U	25	47	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Dibenzofuran	ND	U	48	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Diethylphthalate	ND	U	61	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Dimethylphthalate	ND	U	54	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Fluoranthene	95		18	47	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Fluorene	ND	U	10	47	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Hexachlorobenzene	ND	U	10	96	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Hexachlorobutadiene	ND	U	51	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Hexachlorocyclopentadiene	ND	U	250	960	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Hexachloroethane	ND	U	53	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Indeno(1,2,3-cd)pyrene	28	J	26	47	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Isophorone	ND	U	57	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	N-Nitroso-di-n-propylamine	ND	U	64	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	N-Nitrosodiphenylamine	ND	U	55	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Naphthalene	ND	U	9.3	47	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Nitrobenzene	ND	U	12	47	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Pentachlorophenol	ND	U	330	960	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Phenanthrene	37	J	15	47	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Phenol	ND	U	62	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	Pyrene	76		11	47	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	bis(2-Chloroethoxy)methane	ND	U	51	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	66	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	57	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	66	240	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,1,1,2-Tetrachloroethane	ND	U	0.6	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,1,1-Trichloroethane	ND	U	0.72	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.71	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,1,2-Trichloroethane	ND	U	0.82	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,1-Dichloroethane	ND	U	0.59	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,1-Dichloroethene	ND	U	1.3	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,1-Dichloropropene	ND	U	0.72	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,2,3-Trichlorobenzene	ND	U	1.1	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,2,3-Trichloropropane	ND	U	1.2	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,2,4-Trichlorobenzene	ND	U	1.2	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,2,4-Trimethylbenzene	ND	U	0.85	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.5	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.64	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,2-Dichlorobenzene	ND	U	0.72	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,2-Dichloroethane	ND	U	0.55	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,2-Dichloropropane	ND	U	0.55	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,3,5-Trimethylbenzene (Mesitylene)	ND	U	0.81	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,3-Dichlorobenzene	ND	U	0.72	5	ug/Kg

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,3-Dichloropropane	ND	U	0.61	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	1,4-Dichlorobenzene	ND	U	0.7	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	2,2-Dichloropropane	ND	U	1.4	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	2.2	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	2-Chlorotoluene	ND	U	0.66	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	2-Hexanone	ND	U	1.2	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	4-Chlorotoluene	ND	U	0.69	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.72	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Acetone	ND	U	4.3	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Benzene	ND	U	0.69	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Bromobenzene	ND	U	0.49	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Bromochloromethane	ND	U	0.75	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Bromodichloromethane	ND	U	0.57	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Bromoform	ND	U	0.74	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Bromomethane	ND	U	3.1	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Carbon Disulfide	ND	U	1	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Carbon tetrachloride	ND	U	0.73	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Chlorobenzene	ND	U	0.56	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Chloroethane	ND	U	3.1	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Chloroform	ND	U	0.68	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Chloromethane	ND	U	1.3	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Cymene (4-isopropyltoluene)	ND	U	0.82	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Dibromochloromethane	ND	U	0.65	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Dibromomethane	ND	U	0.8	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Dichlorodifluoromethane	ND	U	0.95	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Ethylbenzene	ND	U	0.64	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Hexachlorobutadiene	ND	U	2.6	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.68	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Methylene Chloride	ND	U	1.6	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Naphthalene	ND	U	1	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Styrene	ND	U	0.62	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.55	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Tetrachloroethene (PCE)	ND	U	0.9	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Toluene	ND	U	1.7	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Trichloroethene (TCE)	ND	U	0.66	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Trichlorofluoromethane	ND	U	1.5	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Vinyl chloride	ND	U	0.78	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	Xylenes, Total	ND	U	1.2	10	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	cis-1,2-Dichloroethene	ND	U	0.56	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	cis-1,3-Dichloropropene	ND	U	0.58	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	n-Butylbenzene	ND	U	1.1	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	n-Propylbenzene	ND	U	0.74	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	o-Xylene (1,2-Dimethylbenzene)	ND	U	0.62	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	sec-Butylbenzene	ND	U	0.84	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	t-Butylbenzene	ND	U	0.78	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	trans-1,2-Dichloroethene	ND	U	0.77	5	ug/Kg
AA1-SD09	PBOW-07-SD-AAI-SD09-B	N1	5/24/2007	11:15	0	0	SE	SW8260B	trans-1,3-Dichloropropene	ND	U	0.6	5	ug/Kg
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8330	1,3,5-Trinitrobenzene	ND	U	0.039	0.16	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8330	1,3-Dinitrobenzene	ND	U	0.033	0.16	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8330	2,4,6-Trinitrotoluene	ND	U	0.036	0.16	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8330	2,4-Dinitrotoluene	ND	U	0.032	0.31	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8330	2,6-Dinitrotoluene	ND	U	0.071	0.31	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.035	0.31	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8330	2-Nitrotoluene	ND	U	0.082	0.31	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8330	3-Nitrotoluene	ND	U	0.14	0.31	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.074	0.31	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8330	4-Nitrotoluene	ND	U	0.082	0.31	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8330	HMX	ND	U	0.12	0.31	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8330	Nitrobenzene	ND	U	0.032	0.16	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8330	RDX	ND	U	0.077	0.16	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8330	Tetryl	ND	U	0.065	0.39	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Aluminum	ND	U	0.025	0.3	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Antimony	ND	U	0.0045	0.02	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Arsenic	ND	U	0.0027	0.01	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Barium	0.011		0.0036	0.01	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Beryllium	ND	U	0.00056	0.004	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Cadmium	ND	U	0.00071	0.002	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Calcium	110		0.022	0.1	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Chromium	ND	U	0.0017	0.01	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Cobalt	0.0042	J	0.00095	0.005	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Copper	0.0026	J	0.0017	0.01	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Iron	ND	U	0.048	0.1	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Lead	ND	U	0.0022	0.005	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Magnesium	27		0.043	0.1	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Manganese	0.038		0.0019	0.01	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Nickel	0.044		0.0019	0.01	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Potassium	2.5		0.093	0.5	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Selenium	ND	U	0.0047	0.01	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Silver	ND	U	0.001	0.005	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Sodium	4.3		0.33	1	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Thallium	ND	U	0.007	0.01	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Vanadium	ND	U	0.0013	0.005	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW6010B	Zinc	0.038		0.0038	0.02	mg/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW7470A	Mercury	ND	U	0.094	0.2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.18	0.49	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.41	0.49	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.34	0.49	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.42	0.49	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.47	0.49	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.34	0.49	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.17	0.49	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.27	2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	1,2-Dichlorobenzene	ND	U	0.23	2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	1,3-Dichlorobenzene	ND	U	0.22	2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	1,4-Dichlorobenzene	ND	U	0.25	2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4,5-Trichlorophenol	ND	U	1.4	9.8	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4,6-Trichlorophenol	ND	U	1.4	4.9	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4-Dichlorophenol	ND	U	1.6	9.8	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4-Dimethylphenol	ND	U	1.6	9.8	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4-Dinitrophenol	ND	U	8.1	20	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,4-Dinitrotoluene	ND	U	0.28	0.98	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	2,6-Dinitrotoluene	ND	U	0.19	0.49	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Chloronaphthalene	ND	U	0.25	2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Chlorophenol	ND	U	1.5	4.9	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Methylnaphthalene	ND	U	0.028	0.49	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.26	2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Nitroaniline	ND	U	1.2	4.9	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	2-Nitrophenol	ND	U	1.6	9.8	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	3,3'-Dichlorobenzidine	ND	U	1.1	4.9	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	3-Nitroaniline	ND	U	1.6	9.8	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	1.9	20	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.98	4.9	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Chloro-3-methylphenol	ND	U	1.4	9.8	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Chloroaniline	ND	U	1.4	9.8	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Chlorophenyl phenyl ether	ND	U	1.1	4.9	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.19	2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Nitroaniline	ND	U	1.2	9.8	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	4-Nitrophenol	ND	U	3.2	20	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Acenaphthene	ND	U	0.031	0.98	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Acenaphthylene	ND	U	0.037	0.98	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Anthracene	ND	U	0.038	0.98	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzidine	ND	U	17	39	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzo(a)anthracene	ND	U	0.04	0.2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzo(a)pyrene	ND	U	0.037	0.2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzo(b)fluoranthene	ND	U	0.045	0.2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzo(g,h,i)perylene	ND	U	0.041	0.98	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzo(k)fluoranthene	ND	U	0.041	0.2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzoic acid	ND	U	4.2	20	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Benzyl alcohol	ND	U	1.2	20	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Butylbenzylphthalate	ND	U	0.28	2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Carbazole	ND	U	1.2	4.9	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Chrysene	ND	U	0.037	0.49	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.9	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Di-n-octylphthalate	ND	U	1.1	9.8	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Dibenz(a,h)anthracene	ND	U	0.039	0.29	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Dibenzofuran	ND	U	0.25	2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Diethylphthalate	ND	U	0.31	2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Dimethylphthalate	ND	U	0.31	2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Fluoranthene	ND	U	0.042	0.98	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Fluorene	ND	U	0.034	0.98	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Hexachlorobenzene	ND	U	0.058	0.49	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Hexachlorobutadiene	ND	U	1.2	4.9	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Hexachlorocyclopentadiene	ND	U	3.5	20	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Hexachloroethane	ND	U	1.1	4.9	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	0.038	0.2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Isophorone	ND	U	0.23	2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.33	0.49	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	N-Nitrosodiphenylamine	ND	U	0.25	0.98	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Naphthalene	ND	U	0.034	0.98	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Nitrobenzene	ND	U	0.25	0.98	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Pentachlorophenol	ND	U	1.5	9.8	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Phenanthrene	ND	U	0.036	0.98	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Phenol	ND	U	0.69	4.9	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	Pyrene	ND	U	0.042	0.98	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.33	2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.26	2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.23	2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	9.8	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1,1,2-Tetrachloroethane	ND	U	0.33	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1,1-Trichloroethane	ND	U	0.17	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.34	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1,2-Trichloroethane	ND	U	0.24	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1-Dichloroethene	ND	U	0.25	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,1-Dichloropropene	ND	U	0.38	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.43	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2,3-Trichloropropane	ND	U	0.35	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.36	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2,4-Trimethylbenzene	ND	U	0.26	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.41	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.33	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2-Dichlorobenzene	ND	U	0.29	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2-Dichloroethane	ND	U	0.25	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,2-Dichloropropane	ND	U	0.19	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,3,5-Trimethylbenzene (Mesitylene)	ND	U	0.18	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,3-Dichloropropane	ND	U	0.22	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	1,4-Dichlorobenzene	ND	U	0.25	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	2,2-Dichloropropane	ND	U	0.17	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1	5	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	2-Chlorotoluene	ND	U	0.16	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	2-Hexanone	ND	U	0.99	5	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	4-Chlorotoluene	ND	U	0.18	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.92	5	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Acetone	ND	U	1.4	5	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Benzene	ND	U	0.23	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Bromobenzene	ND	U	0.22	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Bromochloromethane	ND	U	0.27	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Bromodichloromethane	ND	U	0.22	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Bromoform	ND	U	0.32	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Bromomethane	ND	U	0.59	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Carbon Disulfide	ND	U	0.15	5	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Carbon tetrachloride	ND	U	0.34	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Chlorobenzene	ND	U	0.15	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Chloroethane	ND	U	0.32	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Chloroform	ND	U	0.14	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Chloromethane	ND	U	0.2	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Cymene (4-isopropyltoluene)	ND	U	0.29	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Dibromochloromethane	ND	U	0.22	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Dibromomethane	ND	U	0.21	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Dichlorodifluoromethane	ND	U	0.12	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Ethylbenzene	ND	U	0.21	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Hexachlorobutadiene	ND	U	0.36	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.2	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Methylene Chloride	ND	U	0.24	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Naphthalene	ND	U	0.37	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Styrene	ND	U	0.18	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.21	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Tetrachloroethene (PCE)	ND	U	0.18	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Trichloroethene (TCE)	ND	U	0.13	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Trichlorofluoromethane	ND	U	0.14	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Vinyl chloride	ND	U	0.16	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	Xylenes, Total	ND	U	0.36	2	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	cis-1,2-Dichloroethene	ND	U	0.2	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	cis-1,3-Dichloropropene	ND	U	0.15	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	n-Butylbenzene	ND	U	0.35	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	n-Propylbenzene	ND	U	0.16	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	o-Xylene (1,2-Dimethylbenzene)	ND	U	0.19	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	sec-Butylbenzene	ND	U	0.19	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	t-Butylbenzene	ND	U	0.16	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	trans-1,2-Dichloroethene	ND	U	0.29	1	ug/L
AA1-SW02	PBOW-07-SW-AAI-SW02-B	N1	5/22/2007	10:15	0	0	WS	SW8260B	trans-1,3-Dichloropropene	ND	U	0.16	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8330	1,3,5-Trinitrobenzene	ND	U	0.049	0.2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8330	1,3-Dinitrobenzene	ND	U	0.041	0.2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8330	2,4,6-Trinitrotoluene	ND	U	0.045	0.2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8330	2,4-Dinitrotoluene	ND	U	0.04	0.39	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8330	2,6-Dinitrotoluene	ND	U	0.089	0.39	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.044	0.39	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8330	2-Nitrotoluene	ND	U	0.1	0.39	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8330	3-Nitrotoluene	ND	U	0.17	0.39	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.093	0.39	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8330	4-Nitrotoluene	ND	U	0.1	0.39	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8330	HMX	ND	U	0.15	0.39	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8330	Nitrobenzene	ND	U	0.04	0.2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8330	RDX	ND	U	0.096	0.2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8330	Tetryl	ND	U	0.081	0.49	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Aluminum	ND	U	0.024	0.3	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Antimony	ND	U	0.0045	0.02	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Arsenic	ND	U	0.0027	0.01	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Barium	0.026		0.0036	0.01	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Beryllium	ND	U	0.00056	0.004	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Cadmium	ND	U	0.00071	0.002	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Calcium	130		0.022	0.1	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Chromium	ND	U	0.0017	0.01	mg/L

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Cobalt	ND	U	0.00095	0.005	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Copper	0.0018	J	0.0017	0.01	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Iron	0.092	J	0.048	0.1	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Lead	ND	U	0.0022	0.005	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Magnesium	26		0.043	0.1	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Manganese	0.21		0.0019	0.01	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Nickel	ND	U	0.0019	0.01	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Potassium	1.5		0.093	0.5	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Selenium	ND	U	0.0047	0.01	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Silver	ND	U	0.001	0.005	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Sodium	6.3		0.33	1	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Thallium	ND	U	0.007	0.01	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Vanadium	ND	U	0.0013	0.005	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW6010B	Zinc	ND	U	0.0038	0.02	mg/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW7470A	Mercury	ND	U	0.094	0.2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.18	0.49	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.41	0.49	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.34	0.49	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.42	0.49	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.47	0.49	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.34	0.49	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.17	0.49	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.28	2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	1,2-Dichlorobenzene	ND	U	0.23	2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	1,3-Dichlorobenzene	ND	U	0.22	2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	1,4-Dichlorobenzene	ND	U	0.26	2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	2,4,5-Trichlorophenol	ND	U	1.4	9.9	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	2,4,6-Trichlorophenol	ND	U	1.4	5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	2,4-Dichlorophenol	ND	U	1.6	9.9	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	2,4-Dimethylphenol	ND	U	1.6	9.9	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	2,4-Dinitrophenol	ND	U	8.2	20	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	2,4-Dinitrotoluene	ND	U	0.29	0.99	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	2,6-Dinitrotoluene	ND	U	0.19	0.5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	2-Chloronaphthalene	ND	U	0.26	2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	2-Chlorophenol	ND	U	1.5	5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	2-Methylnaphthalene	ND	U	0.029	0.5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.27	2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	2-Nitroaniline	ND	U	1.2	5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	2-Nitrophenol	ND	U	1.6	9.9	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	3,3'-Dichlorobenzidine	ND	U	1.1	5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	3-Nitroaniline	ND	U	1.6	9.9	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	1.9	20	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.99	5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	4-Chloro-3-methylphenol	ND	U	1.4	9.9	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	4-Chloroaniline	ND	U	1.4	9.9	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	4-Chlorophenyl phenyl ether	ND	U	1.1	5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.19	2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	4-Nitroaniline	ND	U	1.2	9.9	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	4-Nitrophenol	ND	U	3.3	20	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Acenaphthene	ND	U	0.032	0.99	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Acenaphthylene	ND	U	0.038	0.99	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Anthracene	ND	U	0.039	0.99	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Benzidine	ND	U	18	40	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Benzo(a)anthracene	ND	U	0.041	0.2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Benzo(a)pyrene	ND	U	0.038	0.2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Benzo(b)fluoranthene	ND	U	0.046	0.2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Benzo(g,h,i)perylene	ND	U	0.042	0.99	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Benzo(k)fluoranthene	ND	U	0.042	0.2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Benzoic acid	ND	U	4.3	20	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Benzyl alcohol	ND	U	1.2	20	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Butylbenzylphthalate	ND	U	0.29	2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Carbazole	ND	U	1.2	5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Chrysene	ND	U	0.038	0.5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Di-n-butylphthalate	ND	U	1.2	5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Di-n-octylphthalate	ND	U	1.1	9.9	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Dibenz(a,h)anthracene	ND	U	0.04	0.3	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Dibenzofuran	ND	U	0.26	2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Diethylphthalate	ND	U	0.32	2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Dimethylphthalate	ND	U	0.32	2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Fluoranthene	ND	U	0.043	0.99	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Fluorene	ND	U	0.035	0.99	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Hexachlorobenzene	ND	U	0.058	0.5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Hexachlorobutadiene	ND	U	1.2	5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Hexachlorocyclopentadiene	ND	U	3.6	20	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Hexachloroethane	ND	U	1.1	5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	0.039	0.2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Isophorone	ND	U	0.23	2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.34	0.5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	N-Nitrosodiphenylamine	ND	U	0.26	0.99	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Naphthalene	ND	U	0.035	0.99	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Nitrobenzene	ND	U	0.26	0.99	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Pentachlorophenol	ND	U	1.5	9.9	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Phenanthrene	ND	U	0.037	0.99	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Phenol	ND	U	0.69	5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	Pyrene	ND	U	0.043	0.99	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.34	2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.27	2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.23	2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	9.9	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,1,1,2-Tetrachloroethane	ND	U	0.33	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,1,1-Trichloroethane	ND	U	0.17	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.34	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,1,2-Trichloroethane	ND	U	0.24	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,1-Dichloroethene	ND	U	0.25	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,1-Dichloropropene	ND	U	0.38	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.43	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,2,3-Trichloropropane	ND	U	0.35	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.36	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,2,4-Trimethylbenzene	ND	U	0.26	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.41	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.33	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,2-Dichlorobenzene	ND	U	0.29	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,2-Dichloroethane	ND	U	0.25	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,2-Dichloropropane	ND	U	0.19	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,3,5-Trimethylbenzene (Mesitylene)	ND	U	0.18	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,3-Dichloropropane	ND	U	0.22	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	1,4-Dichlorobenzene	ND	U	0.25	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	2,2-Dichloropropane	ND	U	0.17	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1	5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	2-Chlorotoluene	ND	U	0.16	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	2-Hexanone	ND	U	0.99	5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	4-Chlorotoluene	ND	U	0.18	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.92	5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Acetone	ND	U	1.4	5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Benzene	ND	U	0.23	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Bromobenzene	ND	U	0.22	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Bromochloromethane	ND	U	0.27	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Bromodichloromethane	ND	U	0.22	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Bromoform	ND	U	0.32	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Bromomethane	ND	U	0.59	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Carbon Disulfide	ND	U	0.15	5	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Carbon tetrachloride	ND	U	0.34	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Chlorobenzene	ND	U	0.15	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Chloroethane	ND	U	0.32	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Chloroform	ND	U	0.14	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Chloromethane	ND	U	0.2	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Cymene (4-isopropyltoluene)	ND	U	0.29	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Dibromochloromethane	ND	U	0.22	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Dibromomethane	ND	U	0.21	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Dichlorodifluoromethane	ND	U	0.12	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Ethylbenzene	ND	U	0.21	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Hexachlorobutadiene	ND	U	0.36	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.2	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Methylene Chloride	ND	U	0.24	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Naphthalene	ND	U	0.37	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Styrene	ND	U	0.18	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.21	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Tetrachloroethene (PCE)	ND	U	0.18	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Toluene	ND	U	0.18	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Trichloroethene (TCE)	ND	U	0.13	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Trichlorofluoromethane	ND	U	0.14	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Vinyl chloride	ND	U	0.16	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	Xylenes, Total	ND	U	0.36	2	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	cis-1,2-Dichloroethene	ND	U	0.2	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	cis-1,3-Dichloropropene	ND	U	0.15	1	ug/L

Plum Brook Ordnance Works - Acid Area 1 Validated QA Results

Location	Sample ID	Type	Date	Time Sampled	Depth to Top of Sample	Depth to Bottom of Sample	Matrix	Analysis	Analyte	Result	Qualifier	Detection Limit	Reporting Limit	Units
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	n-Butylbenzene	ND	U	0.35	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	n-Propylbenzene	ND	U	0.16	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	o-Xylene (1,2-Dimethylbenzene)	ND	U	0.19	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	sec-Butylbenzene	ND	U	0.19	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	t-Butylbenzene	ND	U	0.16	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	trans-1,2-Dichloroethene	ND	U	0.29	1	ug/L
AA1-SW07	PBOW-07-SW-AAI-SW07-B	N1	5/22/2007	13:45	0	0	WS	SW8260B	trans-1,3-Dichloropropene	ND	U	0.16	1	ug/L

Data Source: Jacobs, 11 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

mg/L = milligrams per liter
mg/Kg = milligrams per kilogram
N1 = field sample
ND = nondetect
R = rejected data point
U = nondetect
UJ = estimated nondetect
ug/L = micrograms per liter
ug/Kg = micrograms per kilogram

ATTACHMENT III – QA/QC DATA COMPARISON

SOIL DATA

Plum Brook Acid Area 1 Soil QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Aluminum	16400		12.9	51.5	8800	J	1.8	25	mg/Kg	60.32	46.34	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Antimony	ND	UJ	5.2	30.9	1.1	J	0.67	2.5	mg/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Arsenic	22.4		0.77	2.6	7.2		0.33	1.2	mg/Kg	102.70	67.86	M
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Barium	83.1		1.29	51.5	51	J	0.54	1.2	mg/Kg	47.87	38.63	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Beryllium	0.92	J	0.39	1.29	0.47	J	0.018	0.49	mg/Kg	64.75	48.91	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Cadmium	ND	U	0.52	2.6	0.12	J	0.074	0.25	mg/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Calcium	10600		258	1290	41000	J	3.2	12	mg/Kg	117.83	286.79	M
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Chromium	23.5		1.29	2.58	13	J	0.14	1.2	mg/Kg	57.53	44.68	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Cobalt	13.4	J	2.6	25.8	5.7		0.12	0.62	mg/Kg	80.63	57.46	D
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Copper	31		1.29	6.43	16	J	0.17	1.2	mg/Kg	63.83	48.39	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Iron	34900		25.8	51.5	16000	J	4.4	12	mg/Kg	74.26	54.15	D
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Lead	17.7	J	0.77	1.5	8.9		0.3	0.62	mg/Kg	66.17	49.72	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Magnesium	5890		258	1290	13000	J	2.1	12	mg/Kg	75.28	120.71	M
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Manganese	922		2.6	7.7	260	J	0.18	1.2	mg/Kg	112.01	71.80	M
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Nickel	32.4		2.6	20.6	15		0.53	1.2	mg/Kg	73.42	53.70	D
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Potassium	2210		258	1290	1400		6	62	mg/Kg	44.88	36.65	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Selenium	ND	U	1.5	2.6	ND	UJ	0.47	1.2	mg/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Silver	ND	U	0.26	2.6	ND	U	0.12	0.62	mg/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Sodium	ND	U	258	1290	ND	UJ	16	120	mg/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Thallium	ND	U	0.9	1.3	ND	UJ	0.58	1.2	mg/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Vanadium	44.6		2.6	25.8	20	J	0.22	0.62	mg/Kg	76.16	55.16	D
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW6010B	Zinc	68.5		5.2	10.3	36	J	0.31	2.5	mg/Kg	62.20	47.45	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW7471A	Mercury	0.025	J	0.014	0.036	0.025		0.0067	0.021	mg/Kg	0.00	0.00	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8082	PCB-1016 (Aroclor 1016)	ND	U	5.2	21	ND	U	6.8	20	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8082	PCB-1221 (Aroclor 1221)	ND	U	5.2	21	ND	U	5.6	20	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8082	PCB-1232 (Aroclor 1232)	ND	U	5.2	21	ND	U	5.4	20	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8082	PCB-1242 (Aroclor 1242)	ND	U	5.2	21	ND	U	5.9	20	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8082	PCB-1248 (Aroclor 1248)	ND	U	5.2	21	ND	U	4.3	20	ug/Kg	NC	NC	OK
1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8082	PCB-1254 (Aroclor 1254)	ND	U	5.2	21	ND	U	4.5	20	ug/Kg	NC	NC	OK
1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8082	PCB-1260 (Aroclor 1260)	ND	U	5.2	21	ND	U	4	20	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	1,1,1-Trichloroethane	ND	U	0.92	5.1	ND	U	0.71	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.44	5.1	ND	U	0.7	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.56	10	NA				ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	1,1,2-Trichloroethane	ND	U	0.36	5.1	ND	U	0.81	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	1,1-Dichloroethane	ND	U	0.55	5.1	ND	U	0.58	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	1,1-Dichloroethene	ND	U	1.2	5.1	ND	U	1.3	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.43	5.1	ND	U	1.1	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	5.1	NA				ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ND	U	1.2	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.44	5.1	ND	U	0.63	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	1,2-Dichlorobenzene	ND	U	0.38	5.1	ND	U	0.71	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	1,2-Dichloroethane	ND	U	0.47	5.1	ND	U	0.54	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	1,2-Dichloropropane	ND	U	0.47	5.1	ND	U	0.54	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	1,3-Dichlorobenzene	ND	U	0.85	5.1	ND	U	0.71	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	1,4-Dichlorobenzene	ND	U	0.56	5.1	ND	U	0.69	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	51	ND	U	2.2	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	2-Hexanone	ND	UJ	2.3	25	ND	U	1.2	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.64	25	ND	U	0.71	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Acetone	ND	U	16	51	ND	U	4.2	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Benzene	ND	U	0.48	5.1	ND	U	0.68	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Bromochloromethane	ND	U	0.43	10	ND	U	0.74	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Bromodichloromethane	ND	U	0.3	5.1	ND	U	0.56	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Bromoform	ND	U	1	5.1	ND	U	0.73	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Bromomethane	ND	U	0.73	10	ND	U	3	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Carbon Disulfide	ND	U	1.3	5.1	18		0.98	4.9	ug/Kg	NC	NC	M
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Carbon tetrachloride	ND	U	0.9	5.1	ND	U	0.72	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Chlorobenzene	ND	U	2.5	5.1	ND	U	0.55	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Chloroethane	ND	U	1.1	10	ND	U	3	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Chloroform	ND	U	0.56	5.1	ND	U	0.67	4.9	ug/Kg	NC	NC	OK
A1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Chloromethane	ND	U	0.53	10	ND	U	1.3	4.9	ug/Kg	NC	NC	OK
1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Cyclohexane	ND	U	0.55	5.1	NA				ug/Kg	NC	NC	OK
A1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Dibromochloromethane	ND	U	0.34	5.1	ND	U	0.64	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ND	U	0.93	4.9	ug/Kg	NC	NC	OK

Plum Brook Acid Area 1 Soil QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Ethylbenzene	ND	U	0.76	5.1	ND	U	0.63	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.9	5.1	ND	U	0.67	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Methyl Acetate	ND	U	1.6	5.1	NA				ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Methylcyclohexane	ND	U	0.3	5.1	NA				ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Methylene Chloride	ND	U	0.63	10	ND	U	1.6	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Styrene	ND	U	0.36	5.1	ND	U	0.61	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.32	5.1	ND	U	0.54	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Tetrachloroethene (PCE)	ND	U	0.99	5.1	ND	U	0.88	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Toluene	ND	U	0.88	5.1	ND	U	1.7	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Trichloroethene (TCE)	ND	U	0.86	5.1	ND	U	0.65	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Trichlorofluoromethane	ND	U	0.97	10	ND	U	1.5	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Vinyl chloride	ND	U	1.1	10	ND	U	0.77	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	Xylenes, Total	ND	U	0.71	5.1	ND	U	1.2	9.8	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5.1	ND	U	0.55	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	cis-1,3-Dichloropropene	ND	U	0.51	5.1	ND	U	0.57	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5.1	ND	U	0.76	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8260B	trans-1,3-Dichloropropene	ND	U	0.32	5.1	ND	U	0.59	4.9	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	1,2,4-Trichlorobenzene	ND	U	33	420	ND	U	48	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	1,2-Dichlorobenzene	ND	U	50	420	ND	U	44	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	1,2-Diphenylhydrazine	ND	U	34	420	NA				ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	1,3-Dichlorobenzene	ND	U	50	420	ND	U	41	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	1,4-Dichlorobenzene	ND	U	54	420	ND	U	48	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	2,4,5-Trichlorophenol	ND	UJ	34	420	ND	U	120	420	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	2,4,6-Trichlorophenol	ND	UJ	44	420	ND	U	89	420	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	2,4-Dichlorophenol	ND	UJ	24	420	ND	U	92	420	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	2,4-Dimethylphenol	ND	UJ	27	1700	ND	U	93	420	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	2,4-Dinitrophenol	ND	UJ	170	420	ND	U	600	840	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	2,4-Dinitrotoluene	ND	U	30	420	ND	U	69	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	2,6-Dinitrotoluene	ND	U	48	420	ND	U	59	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	2-Chloronaphthalene	ND	U	40	420	ND	U	46	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	2-Chlorophenol	ND	UJ	52	420	ND	U	54	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	2-Methylnaphthalene	ND	U	44	420	ND	U	51	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	49	420	ND	U	58	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	2-Nitroaniline	ND	U	40	1700	ND	U	61	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	2-Nitrophenol	ND	UJ	28	420	ND	U	120	420	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	3,3'-Dichlorobenzidine	ND	U	40	420	ND	U	49	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	3-Methylphenol	ND	UJ	34	420	NA				ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	3-Nitroaniline	ND	U	60	1700	ND	U	180	420	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	28	1700	ND	U	170	420	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	4-Bromophenyl phenyl ether	ND	U	33	420	ND	U	52	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	4-Chloro-3-methylphenol	ND	UJ	35	420	ND	U	120	420	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	4-Chloroaniline	ND	U	60	420	ND	U	200	840	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	4-Chlorophenyl phenyl ether	ND	U	39	420	ND	U	48	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	34	420	ND	U	74	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	4-Nitroaniline	ND	U	130	1700	ND	U	84	420	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	4-Nitrophenol	ND	UJ	100	1700	ND	U	140	840	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Acenaphthene	ND	U	33	420	ND	U	8.7	42	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Acenaphthylene	ND	U	25	420	ND	U	13	42	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Anthracene	ND	U	34	420	ND	U	14	42	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Benzo(a)anthracene	ND	U	46	420	ND	U	6.7	42	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Benzo(a)pyrene	ND	U	29	420	ND	U	10	42	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Benzo(b)fluoranthene	ND	U	40	420	ND	U	12	42	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Benzo(g,h,i)perylene	ND	U	89	420	12	J	7.1	42	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Benzo(k)fluoranthene	ND	U	50	420	ND	U	9.2	42	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Benzoic acid	ND	UJ	25	1700	ND	U	480	2100	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Benzyl alcohol	ND	UJ	57	420	ND	U	200	420	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Butylbenzylphthalate	ND	U	38	420	ND	U	59	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Carbazole	ND	U	46	420	ND	U	53	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Chrysene	ND	U	39	420	ND	U	11	42	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Di-n-butylphthalate	ND	U	38	420	ND	U	54	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Di-n-octylphthalate	ND	U	34	420	ND	U	55	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Dibenz(a,h)anthracene	ND	U	76	420	ND	U	22	42	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Dibenzofuran	ND	U	31	420	ND	U	42	210	ug/Kg	NC	NC	OK

Plum Brook Acid Area 1 Soil QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Diethylphthalate	ND	U	840	840	ND	U	54	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Dimethylphthalate	ND	U	38	420	ND	U	47	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Fluoranthene	ND	U	68	420	ND	U	16	42	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Fluorene	ND	U	33	420	ND	U	9.2	42	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Hexachlorobenzene	ND	U	44	420	ND	U	9.1	84	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Hexachlorobutadiene	ND	U	41	420	ND	U	45	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Hexachlorocyclopentadiene	ND	U	77	420	ND	U	220	840	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Hexachloroethane	ND	U	50	420	ND	U	46	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	58	420	ND	U	23	42	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Isophorone	ND	UJ	36	420	ND	U	50	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	N-Nitroso-di-n-propylamine	ND	U	69	420	ND	U	56	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	N-Nitrosodimethylamine	ND	U	120	420	NA				ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	N-Nitrosodiphenylamine	ND	U	40	420	ND	U	48	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Naphthalene	ND	U	41	420	ND	U	8.2	42	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Nitrobenzene	ND	U	44	420	ND	U	11	42	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Pentachlorophenol	ND	UJ	43	1700	ND	U	290	840	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Phenanthrene	ND	U	29	420	ND	U	13	42	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Phenol	ND	UJ	46	420	ND	U	55	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	Pyrene	ND	U	50	420	ND	U	9.8	42	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	bis(2-Chloroethoxy)methane	ND	U	39	420	ND	U	45	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	52	420	ND	U	58	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	65	420	ND	U	51	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8270C	bis(2-Ethylhexyl)phthalate	120	J	46	420	ND	U	58	210	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8330	1,3,5-Trinitrobenzene	ND	U	83	420	ND	U	14	99	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8330	1,3-Dinitrobenzene	ND	U	83	420	ND	U	4.9	99	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8330	2,4,6-Trinitrotoluene	ND	U	83	420	ND	U	15	99	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8330	2,4-Dinitrotoluene	ND	U	110	420	ND	U	14	99	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8330	2,6-Dinitrotoluene	ND	U	110	420	ND	U	25	200	ug/Kg	NC	NC	OK
1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	120	420	ND	U	12	200	ug/Kg	NC	NC	OK
1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8330	2-Nitrotoluene	ND	U	83	420	ND	U	31	200	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8330	3-Nitrotoluene	ND	U	120	420	ND	U	32	200	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	83	420	ND	U	84	200	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8330	4-Nitrotoluene	ND	U	83	420	ND	U	30	200	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8330	HMX	ND	U	83	420	ND	U	30	200	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8330	Nitrobenzene	ND	U	92	420	ND	U	17	99	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8330	RDX	ND	U	83	420	ND	U	33	200	ug/Kg	NC	NC	OK
AA1-SB16	4/18/2007	15:40	PBOW-07-SO-AA1-SB-16-A-3'-5'	PBOW-07-SO-AA1-SB16-B-3'-5'	SW8330	Tetryl	ND	U	83	420	ND	U	120	250	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Aluminum	13300		12.2	48.8	8500	J	1.7	22	mg/Kg	44.04	36.09	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Antimony	ND	UJ	2.4	14.6	0.76	J	0.6	2.2	mg/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Arsenic	5.3		0.37	1.2	3.5		0.3	1.1	mg/Kg	40.91	33.96	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Barium	46.9	J	1.2	48.8	36	J	0.49	1.1	mg/Kg	26.30	23.24	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Beryllium	0.8	J	0.24	1.2	0.56		0.017	0.45	mg/Kg	35.29	30.00	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Cadmium	0.31	J	0.24	1.2	0.24		0.067	0.22	mg/Kg	25.45	22.58	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Calcium	2820		244	1220	2800	J	2.9	11	mg/Kg	0.71	0.71	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Chromium	14.2		1.2	2.4	9.7	J	0.12	1.1	mg/Kg	37.66	31.69	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Cobalt	6	J	1.2	12.2	4.4		0.11	0.56	mg/Kg	30.77	26.67	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Copper	11.4		1.2	6.1	8	J	0.16	1.1	mg/Kg	35.05	29.82	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Iron	14100		12.2	24.4	10000	J	4	11	mg/Kg	34.02	29.08	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Lead	9.8	J	0.37	0.73	7.5		0.27	0.56	mg/Kg	26.59	23.47	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Magnesium	1440		244	1220	1200	J	1.9	11	mg/Kg	18.18	16.67	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Manganese	83.4		1.2	3.7	60	J	0.17	1.1	mg/Kg	32.64	28.06	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Nickel	17.4		1.2	9.8	15		0.48	1.1	mg/Kg	14.81	13.79	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Potassium	768	J	244	1220	400		5.5	56	mg/Kg	63.01	47.92	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Selenium	ND	U	0.73	1.2	ND	UJ	0.43	1.1	mg/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Silver	ND	U	0.24	2.4	ND	U	0.11	0.56	mg/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Sodium	ND	U	244	1220	ND	UJ	14	110	mg/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Thallium	ND	U	0.43	0.61	ND	UJ	0.53	1.1	mg/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Vanadium	24.2		1.2	12.2	17	J	0.2	0.56	mg/Kg	34.95	29.75	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW6010B	Zinc	65.7		2.4	4.9	46	J	0.28	2.2	mg/Kg	35.27	29.98	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW7471A	Mercury	0.028	J	0.014	0.036	0.025		0.0065	0.021	mg/Kg	11.32	10.71	OK
-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	4	16	ND	U	6.7	20	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	4	16	ND	U	5.5	20	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	4	16	ND	U	5.4	20	ug/Kg	NC	NC	OK

Plum Brook Acid Area 1 Soil QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	4	16	ND	U	5.9	20	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	4	16	ND	U	4.3	20	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	4	16	ND	U	4.5	20	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8082	PCB-1260 (Aroclor 1260)	5.1	J	4	16	ND	U	4	20	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	1,1,1-Trichloroethane	ND	U	0.9	5	ND	U	0.71	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.43	5	ND	U	0.59	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.55	10	NA				ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	1,1,2-Trichloroethane	ND	U	0.35	5	ND	U	0.8	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	1,1-Dichloroethane	ND	U	0.54	5	ND	U	0.58	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	1,1-Dichloroethene	ND	U	1.2	5	ND	U	1.3	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.42	5	ND	U	1.1	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	5	ND	U	1.2	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ND	U	1.5	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.43	5	ND	U	0.63	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	1,2-Dichlorobenzene	ND	U	0.37	5	ND	U	0.71	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	1,2-Dichloroethane	ND	U	0.46	5	ND	U	0.54	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	1,2-Dichloropropane	ND	U	0.46	5	ND	U	0.54	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	1,3-Dichlorobenzene	ND	U	0.84	5	ND	U	0.71	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	1,4-Dichlorobenzene	ND	U	0.55	5	NA				ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	2-Butanone (Methyl ethyl ketone)	3.2	J	1.4	50	ND	U	0.69	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	2-Hexanone	ND	UJ	2.3	25	ND	U	1.2	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.58	25	ND	U	0.71	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Acetone	ND	U	21	50	ND	U	4.2	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Benzene	ND	U	0.47	5	ND	U	0.68	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Bromochloromethane	ND	U	0.42	10	ND	U	0.74	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Bromodichloromethane	ND	U	0.3	5	ND	U	0.56	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Bromoform	ND	U	1	5	ND	U	0.73	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Bromomethane	ND	U	0.72	10	ND	U	3	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Carbon Disulfide	ND	U	1.3	5	ND	U	0.98	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Carbon tetrachloride	ND	U	0.88	5	ND	U	0.72	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Chlorobenzene	ND	U	2.5	5	ND	U	0.55	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Chloroethane	ND	U	1.1	10	ND	U	3	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Chloroform	ND	U	0.55	5	ND	U	0.67	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Chloromethane	ND	U	0.52	10	ND	U	1.3	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Cyclohexane	ND	U	0.54	5	NA				ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Dibromochloromethane	ND	U	0.34	5	ND	U	0.64	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ND	U	0.93	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Ethylbenzene	ND	U	0.75	5	ND	U	0.63	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.88	5	ND	U	0.67	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Methyl Acetate	ND	U	1.6	5	NA				ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Methylcyclohexane	ND	U	0.3	5	NA				ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Methylene Chloride	ND	U	0.62	10	ND	U	1.6	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Styrene	ND	U	0.35	5	ND	U	0.61	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.32	5	ND	U	0.54	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Tetrachloroethene (PCE)	ND	U	0.97	5	ND	U	0.88	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Toluene	ND	U	0.86	5	ND	U	1.7	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Trichloroethene (TCE)	ND	U	0.85	5	ND	U	0.65	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Trichlorofluoromethane	ND	U	0.95	10	ND	U	1.5	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Vinyl chloride	ND	U	1.1	10	ND	U	0.77	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	Xylenes, Total	ND	U	0.7	5	ND	U	1.2	9.8	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5	ND	U	0.55	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	cis-1,3-Dichloropropene	ND	U	0.5	5	ND	U	0.57	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5	ND	U	0.76	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8260B	trans-1,3-Dichloropropene	ND	U	0.32	5	ND	U	0.59	4.9	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	30	390	ND	U	45	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	1,2-Dichlorobenzene	ND	UJ	46	390	ND	U	41	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	1,2-Diphenylhydrazine	ND	UJ	31	390	NA				ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	1,3-Dichlorobenzene	ND	UJ	47	390	ND	U	38	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	1,4-Dichlorobenzene	ND	UJ	50	390	ND	U	45	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	2,4,5-Trichlorophenol	ND	UJ	31	390	ND	U	120	390	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	2,4,6-Trichlorophenol	ND	UJ	41	390	ND	U	83	390	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	2,4-Dichlorophenol	ND	UJ	22	390	ND	U	86	390	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	2,4-Dimethylphenol	ND	UJ	25	1600	ND	U	86	390	ug/Kg	NC	NC	OK

Plum Brook Acid Area 1 Soil QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	2,4-Dinitrophenol	ND	UJ	160	390	ND	U	560	790	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	2,4-Dinitrotoluene	ND	UJ	28	390	ND	U	64	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	2,6-Dinitrotoluene	ND	UJ	44	390	ND	U	55	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	2-Chloronaphthalene	ND	UJ	38	390	ND	U	43	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	2-Chlorophenol	ND	UJ	48	390	ND	U	51	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	2-Methylnaphthalene	ND	UJ	41	390	ND	U	48	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	45	390	ND	U	54	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	2-Nitroaniline	ND	UJ	38	1600	ND	U	56	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	2-Nitrophenol	ND	UJ	26	390	ND	U	110	390	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	37	390	ND	U	45	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	3-Methylphenol	ND	UJ	32	390	NA				ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	3-Nitroaniline	ND	UJ	56	1600	ND	U	170	390	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	26	1600	ND	U	150	390	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	30	390	ND	U	48	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	4-Chloro-3-methylphenol	ND	UJ	33	390	ND	U	120	390	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	4-Chloroaniline	ND	UJ	56	390	ND	U	190	790	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	36	390	ND	U	45	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	31	390	ND	U	69	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	4-Nitroaniline	ND	UJ	120	1600	ND	U	78	390	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	4-Nitrophenol	ND	UJ	95	1600	ND	U	130	790	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Acenaphthene	ND	UJ	31	390	ND	U	8.1	39	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Acenaphthylene	ND	UJ	23	390	29	J	12	39	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Anthracene	ND	UJ	32	390	23	J	13	39	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Benzo(a)anthracene	65	J	43	390	110		6.2	39	ug/Kg	51.43	69.23	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Benzo(a)pyrene	72	J	27	390	150		9.3	39	ug/Kg	70.27	108.33	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Benzo(b)fluoranthene	ND	UJ	37	390	190		12	39	ug/Kg	NC	NC	D
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Benzo(g,h,i)perylene	ND	UJ	83	390	98		6.6	39	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Benzo(k)fluoranthene	ND	UJ	46	390	130		8.6	39	ug/Kg	NC	NC	OK
1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Benzoic acid	ND	UJ	23	1600	ND	U	450	2000	ug/Kg	NC	NC	OK
.1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Benzyl alcohol	ND	UJ	53	390	ND	U	190	390	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Butylbenzylphthalate	ND	UJ	35	390	ND	U	55	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Carbazole	ND	UJ	42	390	ND	U	50	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Chrysene	90	J	36	390	150		10	39	ug/Kg	50.00	66.67	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Di-n-butylphthalate	ND	UJ	36	390	ND	U	50	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Di-n-octylphthalate	ND	UJ	32	390	ND	U	51	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Dibenz(a,h)anthracene	ND	UJ	71	390	26	J	21	39	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Dibenzofuran	ND	UJ	29	390	ND	U	39	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Diethylphthalate	ND	UJ	780	780	ND	U	50	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Dimethylphthalate	ND	UJ	36	390	ND	U	44	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Fluoranthene	130	J	63	390	300		15	39	ug/Kg	79.07	130.77	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Fluorene	ND	UJ	31	390	12	J	8.6	39	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Hexachlorobenzene	ND	UJ	41	390	ND	U	8.5	79	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Hexachlorobutadiene	ND	UJ	38	390	ND	U	42	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Hexachlorocyclopentadiene	ND	UJ	72	390	ND	U	210	790	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Hexachloroethane	ND	UJ	46	390	ND	U	43	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	54	390	88		21	39	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Isophorone	ND	UJ	33	390	ND	U	46	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	64	390	ND	U	52	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	N-Nitrosodimethylamine	ND	UJ	110	390	NA				ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	N-Nitrosodiphenylamine	ND	UJ	38	390	ND	U	45	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Naphthalene	ND	UJ	38	390	11	J	7.6	39	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Nitrobenzene	ND	UJ	41	390	ND	U	10	39	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Pentachlorophenol	ND	UJ	40	1600	ND	U	270	790	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Phenanthrene	76	J	27	390	130		12	39	ug/Kg	52.43	71.05	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Phenol	ND	UJ	42	390	ND	U	51	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	Pyrene	120	J	47	390	200		9.2	39	ug/Kg	50.00	66.67	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	36	390	ND	U	42	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	48	390	ND	U	54	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	60	390	ND	U	47	200	ug/Kg	NC	NC	OK
A1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	42	390	ND	U	54	200	ug/Kg	NC	NC	OK
1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8330	1,3,5-Trinitrobenzene	ND	UJ	95	480	ND	U	14	99	ug/Kg	NC	NC	OK
1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8330	1,3-Dinitrobenzene	ND	UJ	95	480	ND	U	4.9	99	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8330	2,4,6-Trinitrotoluene	ND	UJ	95	480	ND	U	15	99	ug/Kg	NC	NC	OK

Plum Brook Acid Area 1 Soil QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8330	2,4-Dinitrotoluene	ND	UJ	120	480	ND	U	14	99	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8330	2,6-Dinitrotoluene	ND	UJ	120	480	ND	U	25	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	140	480	ND	U	12	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8330	2-Nitrotoluene	ND	UJ	95	480	ND	U	31	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8330	3-Nitrotoluene	ND	UJ	140	480	ND	U	32	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	95	480	ND	U	84	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8330	4-Nitrotoluene	ND	UJ	95	480	ND	U	30	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8330	HMX	ND	UJ	95	480	ND	U	30	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8330	Nitrobenzene	ND	UJ	100	480	ND	U	17	99	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8330	RDX	ND	UJ	95	480	ND	U	33	200	ug/Kg	NC	NC	OK
AA1-SB20	4/19/2007	8:55	PBOW-07-SO-AA1-SB-20-A-3'-5'	PBOW-07-SO-AA1-SB20-B-3'-5'	SW8330	Tetryl	ND	UJ	95	480	ND	U	120	250	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Aluminum	10300		12.3	49.4	6700	J	1.7	23	mg/Kg	42.35	34.95	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Antimony	ND	U	2.5	14.8	1	J	0.62	2.3	mg/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Arsenic	5		0.37	1.2	3.5		0.31	1.1	mg/Kg	35.29	30.00	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Barium	26.7	J	1.2	49.4	16	J	0.5	1.1	mg/Kg	50.12	40.07	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Beryllium	0.51	J	0.25	1.2	0.35	J	0.017	0.46	mg/Kg	37.21	31.37	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Cadmium	0.68	J	0.25	1.2	0.078	J	0.069	0.23	mg/Kg	158.84	88.53	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Calcium	3930		247	1230	1600	J	3	11	mg/Kg	84.27	59.29	D
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Chromium	16		1.2	2.5	11	J	0.13	1.1	mg/Kg	37.04	31.25	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Cobalt	5.5	J	1.2	12.3	3.9		0.11	0.57	mg/Kg	34.04	29.09	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Copper	10.5		1.2	6.2	5.1	J	0.16	1.1	mg/Kg	69.23	51.43	D
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Iron	19700		12.3	24.7	14000	J	4.1	11	mg/Kg	33.83	28.93	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Lead	88.2	J	0.37	0.74	28		0.27	0.57	mg/Kg	103.61	68.25	M
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Magnesium	1500		247	1230	800	J	1.9	11	mg/Kg	60.87	46.67	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Manganese	356		1.2	3.7	210	J	0.17	1.1	mg/Kg	51.59	41.01	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Nickel	13.4		1.2	9.9	7.7		0.49	1.1	mg/Kg	54.03	42.54	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Potassium	524	J	247	1230	210		5.6	57	mg/Kg	85.56	59.92	D
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Selenium	ND	U	0.74	1.2	ND	UJ	0.43	1.1	mg/Kg	NC	NC	OK
1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Silver	ND	U	0.25	2.5	ND	U	0.11	0.57	mg/Kg	NC	NC	OK
.1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Sodium	ND	U	247	1230	ND	UJ	14	110	mg/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Thallium	ND	U	0.43	0.62	ND	UJ	0.54	1.1	mg/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Vanadium	33.8		1.2	12.3	26	J	0.21	0.57	mg/Kg	26.09	23.08	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW6010B	Zinc	104		2.5	4.9	30	J	0.29	2.3	mg/Kg	110.45	71.15	M
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW7471A	Mercury	0.032	J	0.013	0.033	0.029		0.0064	0.02	mg/Kg	9.84	9.38	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.1	16	ND	U	33	98	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.1	16	ND	U	27	98	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.1	16	ND	U	26	98	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.1	16	ND	U	29	98	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.1	16	ND	U	21	98	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8082	PCB-1254 (Aroclor 1254)	180		4.1	16	ND	U	22	98	ug/Kg	NC	NC	D
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8082	PCB-1260 (Aroclor 1260)	460		4.1	16	940		19	98	ug/Kg	68.57	104.35	M
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	1,1,1-Trichloroethane	ND	U	0.82	4.6	ND	U	0.61	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.39	4.6	ND	U	0.6	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.5	9.2	NA				ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	1,1,2-Trichloroethane	ND	U	0.32	4.6	ND	U	0.69	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	1,1-Dichloroethane	ND	U	0.5	4.6	ND	U	0.5	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	1,1-Dichloroethene	ND	U	1.1	4.6	ND	U	1.1	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.38	4.6	ND	U	0.93	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.16	4.6	ND	U	1	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.1	9.2	ND	U	1.3	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.39	4.6	ND	U	0.54	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	1,2-Dichlorobenzene	ND	U	0.34	4.6	ND	U	0.61	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	1,2-Dichloroethane	ND	U	0.42	4.6	ND	U	0.46	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	1,2-Dichloropropane	ND	U	0.42	4.6	ND	U	0.46	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	1,3-Dichlorobenzene	ND	U	0.77	4.6	ND	U	0.61	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	1,4-Dichlorobenzene	ND	U	0.5	4.6	ND	U	0.59	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.3	46	ND	U	1.9	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	2-Hexanone	ND	UJ	2.1	23	ND	U	1	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.53	23	ND	U	0.61	4.2	ug/Kg	NC	NC	OK
1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Acetone	58		1.8	46	ND	U	3.6	4.2	ug/Kg	NC	NC	M
.-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Benzene	ND	U	0.43	4.6	ND	U	0.58	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Bromochloromethane	ND	U	0.38	9.2	ND	U	0.63	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Bromodichloromethane	ND	U	0.28	4.6	ND	U	0.48	4.2	ug/Kg	NC	NC	OK

Plum Brook Acid Area 1 Soil QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Bromoform	ND	U	0.92	4.6	ND	U	0.62	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Bromomethane	ND	U	0.66	9.2	ND	U	2.6	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Carbon Disulfide	1.4	J	1.2	4.6	ND	U	0.84	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Carbon tetrachloride	ND	U	0.81	4.6	ND	U	0.62	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Chlorobenzene	ND	U	2.3	4.6	ND	U	0.47	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Chloroethane	ND	U	1	9.2	ND	U	2.6	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Chloroform	ND	U	0.5	4.6	ND	U	0.57	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Chloromethane	ND	U	0.48	9.2	ND	U	1.1	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Cyclohexane	0.63	J	0.5	4.6	NA				ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Dibromochloromethane	ND	U	0.31	4.6	ND	U	0.55	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Dichlorodifluoromethane	ND	U	1	9.2	ND	U	0.8	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Ethylbenzene	ND	U	0.69	4.6	ND	U	0.54	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.81	4.6	ND	U	0.57	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Methyl Acetate	ND	U	1.5	4.6	NA				ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Methylcyclohexane	0.8	J	0.28	4.6	NA				ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Methylene Chloride	ND	U	0.57	9.2	ND	U	1.3	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Styrene	ND	U	0.32	4.6	ND	U	0.52	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.29	4.6	ND	U	0.46	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Tetrachloroethene (PCE)	ND	U	0.89	4.6	ND	U	0.76	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Toluene	ND	U	0.79	4.6	ND	U	1.4	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Trichloroethene (TCE)	ND	U	0.78	4.6	ND	U	0.56	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Trichlorofluoromethane	ND	U	0.87	9.2	ND	U	1.3	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Vinyl chloride	ND	U	1	9.2	ND	U	0.66	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	Xylenes, Total	ND	U	0.64	4.6	ND	U	1	8.4	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	cis-1,2-Dichloroethene	ND	U	1.1	4.6	ND	U	0.47	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	cis-1,3-Dichloropropene	ND	U	0.46	4.6	ND	U	0.49	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	trans-1,2-Dichloroethene	ND	U	1	4.6	ND	U	0.65	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8260B	trans-1,3-Dichloropropene	ND	U	0.29	4.6	ND	U	0.51	4.2	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8330	1,3,5-Trinitrobenzene	ND	U	100	500	ND	U	14	99	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	1,2,4-Trichlorobenzene	ND	U	31	400	ND	U	46	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	1,2-Dichlorobenzene	ND	U	47	400	ND	U	42	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	1,2-Diphenylhydrazine	ND	U	32	400	NA				ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	1,3-Dichlorobenzene	ND	U	48	400	ND	U	39	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	1,4-Dichlorobenzene	ND	U	51	400	ND	U	46	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	2,4,5-Trichlorophenol	ND	U	32	400	ND	U	120	400	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	2,4,6-Trichlorophenol	ND	U	42	400	ND	U	85	400	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	2,4-Dichlorophenol	ND	U	23	400	ND	U	88	400	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	2,4-Dimethylphenol	ND	U	26	1600	ND	U	88	400	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	2,4-Dinitrophenol	ND	U	160	400	ND	U	570	800	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	2,4-Dinitrotoluene	ND	U	29	400	ND	U	66	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	2,6-Dinitrotoluene	ND	U	46	400	ND	U	56	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	2-Chloronaphthalene	ND	U	38	400	ND	U	44	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	2-Chlorophenol	ND	U	49	400	ND	U	52	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	2-Methylnaphthalene	ND	U	42	400	ND	U	49	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	2-Methylphenol (o-Cresol)	ND	U	46	400	ND	U	56	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	2-Nitroaniline	ND	U	39	1600	ND	U	58	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	2-Nitrophenol	ND	U	26	400	ND	U	110	400	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	3,3'-Dichlorobenzidine	ND	U	38	400	ND	U	46	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	3-Methylphenol	ND	U	33	400	NA				ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	3-Nitroaniline	ND	U	57	1600	ND	U	170	400	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	26	1600	ND	U	160	400	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	4-Bromophenyl phenyl ether	ND	U	31	400	ND	U	50	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	4-Chloro-3-methylphenol	ND	U	33	400	ND	U	120	400	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	4-Chloroaniline	ND	U	58	400	ND	U	190	800	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	4-Chlorophenyl phenyl ether	ND	U	37	400	ND	U	46	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	4-Methylphenol (p-Cresol)	ND	U	32	400	ND	U	70	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	4-Nitroaniline	ND	U	120	1600	ND	U	80	400	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	4-Nitrophenol	ND	U	97	1600	ND	U	140	800	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Acenaphthene	ND	U	32	400	ND	U	8.3	40	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Acenaphthylene	ND	U	24	400	ND	U	12	40	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Anthracene	ND	U	33	400	ND	U	14	40	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Benzo(a)anthracene	ND	U	44	400	9.5	J	6.4	40	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Benzo(a)pyrene	ND	U	28	400	9.8	J	9.5	40	ug/Kg	NC	NC	OK

Plum Brook Acid Area 1 Soil QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Benzo(b)fluoranthene	ND	U	38	400	15	J	12	40	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Benzo(g,h,i)perylene	ND	U	85	400	9.1	J	6.7	40	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Benzo(k)fluoranthene	ND	U	47	400	ND	U	8.8	40	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Benzoic acid	-	R	-	-	ND	U	460	2000	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Benzyl alcohol	ND	U	54	400	ND	U	190	400	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Butylbenzylphthalate	ND	U	36	400	ND	U	56	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Carbazole	ND	U	44	400	ND	U	51	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Chrysene	ND	U	37	400	12	J	10	40	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Di-n-butylphthalate	ND	U	37	400	ND	U	52	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Di-n-octylphthalate	ND	U	32	400	ND	U	52	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Dibenz(a,h)anthracene	ND	U	72	400	ND	U	21	40	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Dibenzofuran	ND	U	29	400	ND	U	40	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Diethylphthalate	ND	U	800	800	ND	U	52	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Dimethylphthalate	ND	U	37	400	ND	U	45	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Fluoranthene	ND	U	64	400	ND	U	15	40	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Fluorene	ND	U	31	400	ND	U	8.8	40	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Hexachlorobenzene	ND	U	42	400	ND	U	8.6	80	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Hexachlorobutadiene	ND	U	39	400	ND	U	43	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Hexachlorocyclopentadiene	ND	U	74	400	ND	U	210	800	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Hexachloroethane	ND	U	47	400	ND	U	44	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	56	400	ND	U	22	40	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Isophorone	ND	U	34	400	ND	U	48	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	N-Nitroso-di-n-propylamine	ND	U	66	400	ND	U	53	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	N-Nitrosodimethylamine	ND	U	110	400	NA				ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	N-Nitrosodiphenylamine	ND	U	38	400	ND	U	46	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Naphthalene	ND	U	39	400	ND	U	7.8	40	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Nitrobenzene	ND	U	42	400	ND	U	10	40	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Pentachlorophenol	ND	U	41	1600	ND	U	280	800	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Phenanthrene	ND	U	28	400	ND	U	12	40	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Phenol	ND	U	43	400	ND	U	52	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	Pyrene	ND	U	48	400	11	J	9.4	40	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	bis(2-Chloroethoxy)methane	ND	U	37	400	ND	U	43	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	49	400	ND	U	55	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	62	400	ND	U	48	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	44	400	ND	U	55	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8330	1,3-Dinitrobenzene	ND	U	100	500	ND	U	5	99	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8330	2,4,6-Trinitrotoluene	ND	U	100	500	ND	U	15	99	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8330	2,4-Dinitrotoluene	ND	U	130	500	ND	U	14	99	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8330	2,6-Dinitrotoluene	ND	U	130	500	ND	U	25	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	150	500	ND	U	12	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8330	2-Nitrotoluene	ND	U	100	500	ND	U	31	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8330	3-Nitrotoluene	ND	U	150	500	ND	U	32	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	100	500	ND	U	85	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8330	4-Nitrotoluene	ND	U	100	500	ND	U	30	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8330	HMX	ND	U	100	500	ND	U	30	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8330	Nitrobenzene	ND	U	110	500	ND	U	17	99	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8330	RDX	ND	U	100	500	ND	U	33	200	ug/Kg	NC	NC	OK
AA1-SB28	4/19/2007	13:45	PBOW-07-SO-AA1-SB-28-A-0.5'-1.5'	PBOW-07-SO-AA1-SB28-B-0.5'-1.5'	SW8330	Tetryl	ND	U	100	500	ND	U	120	250	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Aluminum	12800		12.8	51.3	8400	J	1.7	22	mg/Kg	41.51	34.38	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Antimony	ND	U	5.1	30.6	1.4	J	0.6	2.2	mg/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Arsenic	13		0.38	1.28	10		0.3	1.1	mg/Kg	26.09	23.08	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Barium	75.7		1.3	51.3	52	J	0.49	1.1	mg/Kg	37.12	31.31	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Beryllium	0.48	J	0.26	1.3	0.33	J	0.017	0.44	mg/Kg	37.04	31.25	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Cadmium	0.51	J	0.23	1.28	ND	U	0.067	0.22	mg/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Calcium	1530		256	1280	1300	J	2.9	11	mg/Kg	16.25	15.03	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Chromium	24.5		1.3	2.6	17	J	0.12	1.1	mg/Kg	36.14	30.61	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Cobalt	5.6	J	1.28	12.8	5.6		0.1	0.55	mg/Kg	0.00	0.00	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Copper	27.9		1.3	6.4	27	J	0.16	1.1	mg/Kg	3.28	3.23	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Iron	36200		12.8	25.6	28000	J	4	11	mg/Kg	25.55	22.65	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Lead	29.1	J	0.38	0.77	15		0.27	0.55	mg/Kg	63.95	48.45	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Magnesium	2570		256	1280	2500	J	1.9	11	mg/Kg	2.76	2.72	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Manganese	185		1.28	3.84	120	J	0.17	1.1	mg/Kg	42.62	35.14	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Nickel	20.4	J	2.56	20.48	19		0.48	1.1	mg/Kg	7.11	6.86	OK

Plum Brook Acid Area 1 Soil QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Potassium	1840		256	1280	1100		5.4	55	mg/Kg	50.34	40.22	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Selenium	ND	U	1.5	1.28	ND	UJ	0.42	1.1	mg/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Silver	ND	U	0.26	2.6	0.11	J	0.11	0.55	mg/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Sodium	ND	U	256	1280	ND	UJ	14	110	mg/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Thallium	ND	U	0.9	1.28	ND	UJ	0.52	1.1	mg/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Vanadium	44.7		1.28	12.8	29	J	0.2	0.55	mg/Kg	42.61	35.12	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW6010B	Zinc	51.1		2.56	5.12	52	J	0.28	2.2	mg/Kg	1.75	1.76	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW7471A	Mercury	ND	U	0.015	0.039	ND	U	0.0065	0.02	mg/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.2	17	ND	U	6.5	19	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.2	17	ND	U	5.3	19	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.2	17	ND	U	5.2	19	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.2	17	ND	U	5.7	19	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.2	17	ND	U	4.2	19	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8082	PCB-1254 (Aroclor 1254)	ND	U	4.2	17	ND	U	4.3	19	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8082	PCB-1260 (Aroclor 1260)	ND	U	4.2	17	12	J	3.8	19	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	1,1,1-Trichloroethane	ND	U	0.91	5.1	ND	U	0.76	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.44	5.1	ND	U	0.75	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.56	10	NA				ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	1,1,2-Trichloroethane	ND	U	0.35	5.1	ND	U	0.86	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	1,1-Dichloroethane	ND	U	0.55	5.1	ND	U	0.62	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	1,1-Dichloroethene	ND	U	1.2	5.1	ND	U	1.4	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.42	5.1	ND	U	1.2	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	5.1	ND	U	1.3	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ND	U	1.6	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.44	5.1	ND	U	0.67	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	1,2-Dichlorobenzene	ND	U	0.37	5.1	ND	U	0.76	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	1,2-Dichloroethane	ND	U	0.46	5.1	ND	U	0.58	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	1,2-Dichloropropane	ND	U	0.46	5.1	ND	U	0.58	5.3	ug/Kg	NC	NC	OK
1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	1,3-Dichlorobenzene	ND	U	0.85	5.1	ND	U	0.76	5.3	ug/Kg	NC	NC	OK
.1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	1,4-Dichlorobenzene	ND	U	0.56	5.1	ND	U	0.74	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	51	ND	U	2.3	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	2-Hexanone	ND	UJ	2.3	25	ND	U	1.3	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.59	25	ND	U	0.76	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Acetone	ND	U	15	51	14		4.5	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Benzene	ND	U	0.48	5.1	ND	U	0.73	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Bromochloromethane	ND	U	0.42	10	ND	U	0.79	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Bromodichloromethane	ND	U	0.3	5.1	ND	U	0.6	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Bromoform	ND	U	1	5.1	ND	U	0.78	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Bromomethane	ND	U	0.73	10	ND	U	3.3	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Carbon Disulfide	ND	U	1.3	5.1	ND	U	1.1	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Carbon tetrachloride	ND	U	0.89	5.1	ND	U	0.77	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Chlorobenzene	ND	U	2.5	5.1	ND	U	0.59	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Chloroethane	ND	U	1.1	10	ND	U	3.3	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Chloroform	ND	U	0.56	5.1	ND	U	0.71	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Chloromethane	ND	U	0.53	10	ND	U	1.4	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Cyclohexane	ND	U	0.55	5.1	NA				ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Dibromochloromethane	ND	U	0.34	5.1	ND	U	0.68	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ND	U	1	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Ethylbenzene	ND	U	0.76	5.1	ND	U	0.67	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.89	5.1	ND	U	0.71	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Methyl Acetate	ND	U	1.6	5.1	NA				ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Methylcyclohexane	ND	U	0.3	5.1	NA				ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Methylene Chloride	ND	U	0.63	10	ND	U	1.7	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Styrene	ND	U	0.35	5.1	ND	U	0.65	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.32	5.1	ND	U	0.58	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Tetrachloroethene (PCE)	ND	U	0.98	5.1	ND	U	0.95	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Toluene	ND	U	0.87	5.1	ND	U	1.8	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Trichloroethene (TCE)	ND	U	0.86	5.1	ND	U	0.69	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Trichlorofluoromethane	ND	U	0.96	10	ND	U	1.6	5.3	ug/Kg	NC	NC	OK
41-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Vinyl chloride	ND	U	1.1	10	ND	U	0.82	5.3	ug/Kg	NC	NC	OK
1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	Xylenes, Total	ND	U	0.71	5.1	ND	U	1.3	11	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5.1	ND	U	0.59	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	cis-1,3-Dichloropropene	ND	U	0.51	5.1	ND	U	0.61	5.3	ug/Kg	NC	NC	OK

Plum Brook Acid Area 1 Soil QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5.1	ND	U	0.81	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8260B	trans-1,3-Dichloropropene	ND	U	0.32	5.1	ND	U	0.63	5.3	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	1,2,4-Trichlorobenzene	ND	U	32	410	ND	U	45	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	1,2-Dichlorobenzene	ND	U	49	410	ND	U	41	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	1,2-Diphenylhydrazine	ND	U	33	410	NA				ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	1,3-Dichlorobenzene	ND	U	49	410	ND	U	38	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	1,4-Dichlorobenzene	ND	U	53	410	ND	U	45	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	2,4,5-Trichlorophenol	ND	U	33	410	ND	U	120	390	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	2,4,6-Trichlorophenol	ND	U	43	410	ND	U	84	390	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	2,4-Dichlorophenol	ND	U	23	410	ND	U	87	390	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	2,4-Dimethylphenol	ND	U	26	1600	ND	U	87	390	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	2,4-Dinitrophenol	ND	U	160	410	ND	U	570	790	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	2,4-Dinitrotoluene	110	J	30	410	110	J	65	200	ug/Kg	0.00	0.00	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	2,6-Dinitrotoluene	ND	U	47	410	ND	U	55	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	2-Chloronaphthalene	ND	U	40	410	ND	U	43	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	2-Chlorophenol	ND	U	51	410	ND	U	51	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	2-Methylnaphthalene	ND	U	43	410	ND	U	48	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	2-Methylphenol (o-Cresol)	ND	U	48	410	ND	U	55	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	2-Nitroaniline	ND	U	40	1600	ND	U	57	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	2-Nitrophenol	ND	U	27	410	ND	U	110	390	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	3,3'-Dichlorobenzidine	ND	U	39	410	ND	U	46	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	3-Methylphenol	ND	U	34	410	NA				ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	3-Nitroaniline	ND	U	59	1600	ND	U	170	390	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	27	1600	ND	U	160	390	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	4-Bromophenyl phenyl ether	ND	U	32	410	ND	U	49	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	4-Chloro-3-methylphenol	ND	U	34	410	ND	U	120	390	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	4-Chloroaniline	ND	U	59	410	ND	U	190	790	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	4-Chlorophenyl phenyl ether	ND	U	38	410	ND	U	45	200	ug/Kg	NC	NC	OK
1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	4-Methylphenol (p-Cresol)	ND	U	33	410	ND	U	69	200	ug/Kg	NC	NC	OK
.1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	4-Nitroaniline	ND	U	120	1600	ND	U	79	390	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	4-Nitrophenol	ND	U	100	1600	ND	U	140	790	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Acenaphthene	ND	U	33	410	ND	U	8.2	39	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Acenaphthylene	ND	U	24	410	ND	U	12	39	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Anthracene	ND	U	34	410	ND	U	14	39	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Benzo(a)anthracene	ND	U	45	410	ND	U	6.3	39	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Benzo(a)pyrene	ND	U	28	410	ND	U	9.4	39	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Benzo(b)fluoranthene	ND	U	39	410	ND	U	12	39	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Benzo(g,h,i)perylene	ND	U	88	410	ND	U	6.6	39	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Benzo(k)fluoranthene	ND	U	49	410	ND	U	8.6	39	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Benzoic acid	-	R	-	-	ND	U	450	2000	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Benzyl alcohol	ND	U	56	410	ND	U	190	390	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Butylbenzylphthalate	ND	U	37	410	ND	U	55	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Carbazole	ND	U	45	410	ND	U	50	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Chrysene	ND	U	38	410	ND	U	10	39	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Di-n-butylphthalate	ND	U	38	410	ND	U	51	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Di-n-octylphthalate	ND	U	33	410	ND	U	51	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Dibenz(a,h)anthracene	ND	U	75	410	ND	U	21	39	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Dibenzofuran	ND	U	30	410	ND	U	39	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Diethylphthalate	ND	U	830	830	ND	U	51	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Dimethylphthalate	ND	U	38	410	ND	U	44	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Fluoranthene	ND	U	66	410	ND	U	15	39	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Fluorene	ND	U	32	410	ND	U	8.6	39	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Hexachlorobenzene	ND	U	43	410	ND	U	8.5	79	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Hexachlorobutadiene	ND	U	41	410	ND	U	42	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Hexachlorocyclopentadiene	ND	U	76	410	ND	U	210	790	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Hexachloroethane	ND	U	49	410	ND	U	43	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	57	410	ND	U	21	39	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Isophorone	ND	U	35	410	ND	U	47	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	N-Nitroso-di-n-propylamine	ND	U	68	410	ND	U	53	200	ug/Kg	NC	NC	OK
A1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	N-Nitrosodimethylamine	ND	U	120	410	NA				ug/Kg	NC	NC	OK
1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	N-Nitrosodiphenylamine	ND	U	40	410	ND	U	45	200	ug/Kg	NC	NC	OK
A1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Naphthalene	ND	U	40	410	ND	U	7.7	39	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Nitrobenzene	ND	U	43	410	ND	U	10	39	ug/Kg	NC	NC	OK

Plum Brook Acid Area 1 Soil QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Pentachlorophenol	ND	U	42	1600	ND	U	270	790	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Phenanthrene	ND	U	28	410	ND	U	12	39	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Phenol	ND	U	45	410	ND	U	51	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	Pyrene	ND	U	49	410	ND	U	9.2	39	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	bis(2-Chloroethoxy)methane	ND	U	38	410	ND	U	42	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	51	410	ND	U	54	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	64	410	ND	U	47	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	45	410	ND	U	55	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8330	1,3,5-Trinitrobenzene	ND	U	91	450	ND	U	14	100	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8330	1,3-Dinitrobenzene	ND	U	91	450	ND	U	5	100	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8330	2,4,6-Trinitrotoluene	ND	U	91	450	ND	U	15	100	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8330	2,4-Dinitrotoluene	120	J	120	450	130		14	100	ug/Kg	8.00	8.33	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8330	2,6-Dinitrotoluene	ND	U	120	450	ND	U	25	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	140	450	ND	U	12	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8330	2-Nitrotoluene	ND	U	91	450	ND	U	32	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8330	3-Nitrotoluene	ND	U	140	450	ND	U	32	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	91	450	ND	U	85	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8330	4-Nitrotoluene	ND	U	91	450	ND	U	30	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8330	HMX	ND	U	91	450	ND	U	30	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8330	Nitrobenzene	ND	U	100	450	ND	U	17	100	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8330	RDX	ND	U	91	450	ND	U	33	200	ug/Kg	NC	NC	OK
AA1-SB30	4/19/2007	15:50	PBOW-07-SO-AA1-SB-30-A-3'-5'	PBOW-07-SO-AA1-SB30-B-3'-5'	SW8330	Tetryl	ND	U	91	450	ND	U	120	250	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Aluminum	12500	J	10.6	42.3	7500	J	1.9	25	mg/Kg	50.00	40.00	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Antimony	ND	UJ	2.1	12.7	0.94	J	0.68	2.5	mg/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Arsenic	7.5		0.32	1.1	7		0.34	1.3	mg/Kg	6.90	6.67	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Barium	97		1.1	42.3	66	J	0.55	1.3	mg/Kg	38.04	31.96	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Beryllium	0.66	J	0.21	1.1	0.48	J	0.019	0.5	mg/Kg	31.58	27.27	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Cadmium	0.57	J	0.21	1.1	ND	U	0.075	0.25	mg/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Calcium	3230		212	1060	2800	J	3.3	13	mg/Kg	14.26	13.31	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Chromium	17.4	J	1.1	2.1	13	J	0.14	1.3	mg/Kg	28.95	25.29	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Cobalt	8	J	1.1	10.6	7.5		0.12	0.63	mg/Kg	6.45	6.25	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Copper	13.6	J	1.1	5.3	14	J	0.18	1.3	mg/Kg	2.90	2.94	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Iron	20800	J	10.6	21.2	18000	J	4.5	13	mg/Kg	14.43	13.46	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Lead	8.6	J	0.32	0.64	9.1		0.3	0.63	mg/Kg	5.65	5.81	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Magnesium	2660		212	1060	2200	J	2.1	13	mg/Kg	18.93	17.29	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Manganese	367		1.1	3.2	200	J	0.19	1.3	mg/Kg	58.91	45.50	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Nickel	20.2		1.1	8.5	21		0.54	1.3	mg/Kg	3.88	3.96	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Potassium	1260		212	1060	610		6.1	63	mg/Kg	69.52	51.59	D
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Selenium	ND	U	0.64	1.1	ND	UJ	0.48	1.3	mg/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Silver	ND	U	0.21	2.1	ND	U	0.13	0.63	mg/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Sodium	ND	U	212	1060	ND	UJ	16	130	mg/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Thallium	ND	U	0.37	0.53	ND	UJ	0.59	1.3	mg/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Vanadium	30.8		1.1	10.6	22	J	0.23	0.63	mg/Kg	33.33	28.57	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW6010B	Zinc	36.8	J	2.1	4.2	38	J	0.31	2.5	mg/Kg	3.21	3.26	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW7471A	Mercury	0.024	J	0.013	0.033	0.021	J	0.0068	0.021	mg/Kg	13.33	12.50	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	3.6	14	ND	U	6.9	21	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	3.6	14	ND	U	5.7	21	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	3.6	14	ND	U	5.6	21	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	3.6	14	ND	U	6.1	21	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	3.6	14	ND	U	4.5	21	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	3.6	14	ND	U	4.6	21	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	3.6	14	ND	U	4.1	21	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	1,1,1-Trichloroethane	ND	U	0.74	4.1	ND	U	0.64	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.35	4.1	ND	U	0.63	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.45	8.2	NA				ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	1,1,2-Trichloroethane	ND	U	0.29	4.1	ND	U	0.73	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	1,1-Dichloroethane	ND	U	0.44	4.1	ND	U	0.53	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	1,1-Dichloroethene	ND	U	0.98	4.1	ND	U	1.2	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.34	4.1	ND	U	0.98	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.15	4.1	ND	U	1.1	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.98	8.2	ND	U	1.3	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.35	4.1	ND	U	0.57	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	1,2-Dichlorobenzene	ND	U	0.3	4.1	ND	U	0.64	4.5	ug/Kg	NC	NC	OK

Plum Brook Acid Area 1 Soil QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	1,2-Dichloroethane	ND	U	0.38	4.1	ND	U	0.49	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	1,2-Dichloropropane	ND	U	0.38	4.1	ND	U	0.49	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	1,3-Dichlorobenzene	ND	U	0.69	4.1	ND	U	0.64	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	1,4-Dichlorobenzene	ND	U	0.45	4.1	ND	U	0.62	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.1	41	ND	U	2	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	2-Hexanone	ND	UJ	1.9	20	ND	U	1.1	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.48	20	ND	U	0.64	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Acetone	ND	U	17	41	33		3.8	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Benzene	ND	U	0.38	4.1	ND	U	0.61	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Bromochloromethane	ND	U	0.34	8.2	ND	U	0.67	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Bromodichloromethane	ND	U	0.25	4.1	ND	U	0.51	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Bromoform	ND	U	0.82	4.1	ND	U	0.66	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Bromomethane	ND	U	0.59	8.2	ND	U	2.8	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Carbon Disulfide	ND	U	1.1	4.1	ND	U	0.89	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Carbon tetrachloride	ND	U	0.72	4.1	ND	U	0.65	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Chlorobenzene	ND	U	2	4.1	ND	U	0.5	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Chloroethane	ND	U	0.9	8.2	ND	U	2.8	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Chloroform	ND	U	0.45	4.1	ND	U	0.61	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Chloromethane	ND	U	0.43	8.2	ND	U	1.2	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Cyclohexane	ND	U	0.44	4.1	NA				ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Dibromochloromethane	ND	U	0.28	4.1	ND	U	0.58	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Dichlorodifluoromethane	ND	U	0.9	8.2	ND	U	0.85	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Ethylbenzene	ND	U	0.62	4.1	ND	U	0.57	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.72	4.1	ND	U	0.61	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Methyl Acetate	ND	U	1.3	4.1	NA				ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Methylcyclohexane	0.26	J	0.25	4.1	NA				ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Methylene Chloride	ND	U	0.51	8.2	ND	U	1.4	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Styrene	ND	U	0.29	4.1	ND	U	0.55	4.5	ug/Kg	NC	NC	OK
1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.26	4.1	ND	U	0.49	4.5	ug/Kg	NC	NC	OK
1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Tetrachloroethene (PCE)	ND	U	0.8	4.1	ND	U	0.8	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Toluene	ND	U	0.71	4.1	ND	U	1.5	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Trichloroethene (TCE)	ND	U	0.7	4.1	ND	U	0.59	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Trichlorofluoromethane	ND	U	0.78	8.2	ND	U	1.3	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Vinyl chloride	ND	U	0.9	8.2	ND	U	0.69	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	Xylenes, Total	ND	U	0.57	4.1	ND	U	1.1	8.9	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	cis-1,2-Dichloroethene	ND	U	0.98	4.1	ND	U	0.5	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	cis-1,3-Dichloropropene	ND	U	0.41	4.1	ND	U	0.52	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	trans-1,2-Dichloroethene	ND	U	0.9	4.1	ND	U	0.69	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8260B	trans-1,3-Dichloropropene	ND	U	0.26	4.1	ND	U	0.53	4.5	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	27	350	ND	U	48	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	1,2-Dichlorobenzene	ND	UJ	41	350	ND	U	44	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	1,2-Diphenylhydrazine	ND	UJ	28	350	NA				ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	1,3-Dichlorobenzene	ND	UJ	41	350	ND	U	41	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	1,4-Dichlorobenzene	ND	UJ	44	350	ND	U	48	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	2,4,5-Trichlorophenol	ND	UJ	28	350	ND	U	120	410	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	2,4,6-Trichlorophenol	ND	UJ	36	350	ND	U	89	410	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	2,4-Dichlorophenol	ND	UJ	20	350	ND	U	92	410	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	2,4-Dimethylphenol	ND	UJ	22	1400	ND	U	92	410	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	2,4-Dinitrophenol	ND	UJ	140	350	ND	U	600	840	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	2,4-Dinitrotoluene	ND	UJ	25	350	ND	U	69	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	2,6-Dinitrotoluene	ND	UJ	39	350	ND	U	59	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	2-Chloronaphthalene	ND	UJ	33	350	ND	U	46	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	2-Chlorophenol	ND	UJ	42	350	ND	U	54	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	2-Methylnaphthalene	ND	UJ	36	350	ND	U	51	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	40	350	ND	U	58	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	2-Nitroaniline	ND	UJ	33	1400	ND	U	60	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	2-Nitrophenol	ND	UJ	23	350	ND	U	120	410	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	33	350	ND	U	49	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	3-Methylphenol	ND	UJ	28	350	NA				ug/Kg	NC	NC	OK
1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	3-Nitroaniline	ND	UJ	49	1400	ND	U	180	410	ug/Kg	NC	NC	OK
-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	23	1400	ND	U	160	410	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	27	350	ND	U	52	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	4-Chloro-3-methylphenol	ND	UJ	29	350	ND	U	120	410	ug/Kg	NC	NC	OK

Plum Brook Acid Area 1 Soil QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff.	Comparison
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	4-Chloroaniline	ND	UJ	50	350	ND	U	200	840	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	32	350	ND	U	48	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	28	350	ND	U	74	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	4-Nitroaniline	ND	UJ	100	1400	ND	U	83	410	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	4-Nitrophenol	ND	UJ	84	1400	ND	U	140	840	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Acenaphthene	ND	UJ	27	350	ND	U	8.7	41	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Acenaphthylene	ND	UJ	20	350	ND	U	13	41	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Anthracene	ND	UJ	28	350	ND	U	14	41	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Benzo(a)anthracene	ND	UJ	38	350	ND	U	6.7	41	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Benzo(a)pyrene	ND	UJ	24	350	ND	U	9.9	41	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Benzo(b)fluoranthene	ND	UJ	33	350	ND	U	12	41	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Benzo(g,h,i)perylene	ND	UJ	73	350	ND	U	7	41	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Benzo(k)fluoranthene	ND	UJ	41	350	ND	U	9.2	41	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Benzoic acid	ND	UJ	20	1400	ND	U	480	2100	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Benzyl alcohol	ND	UJ	47	350	ND	U	200	410	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Butylbenzylphthalate	ND	UJ	31	350	ND	U	59	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Carbazole	ND	UJ	38	350	ND	U	53	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Chrysene	ND	UJ	32	350	ND	U	11	41	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Di-n-butylphthalate	ND	UJ	32	350	ND	U	54	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Di-n-octylphthalate	ND	UJ	28	350	ND	U	55	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Dibenz(a,h)anthracene	ND	UJ	62	350	ND	U	22	41	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Dibenzofuran	ND	UJ	25	350	ND	U	42	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Diethylphthalate	ND	UJ	690	690	ND	U	54	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Dimethylphthalate	ND	UJ	32	350	ND	U	47	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Fluoranthene	ND	UJ	56	350	ND	U	16	41	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Fluorene	ND	UJ	27	350	ND	U	9.2	41	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Hexachlorobenzene	ND	UJ	36	350	ND	U	9.1	84	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Hexachlorobutadiene	ND	UJ	34	350	ND	U	45	210	ug/Kg	NC	NC	OK
1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Hexachlorocyclopentadiene	ND	UJ	64	350	ND	U	220	840	ug/Kg	NC	NC	OK
1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Hexachloroethane	ND	UJ	41	350	ND	U	46	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	48	350	ND	U	23	41	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Isophorone	ND	UJ	29	350	ND	U	50	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	57	350	ND	U	56	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	N-Nitrosodimethylamine	ND	UJ	99	350	NA				ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	N-Nitrosodiphenylamine	ND	UJ	33	350	ND	U	48	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Naphthalene	ND	UJ	34	350	ND	U	8.2	41	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Nitrobenzene	ND	UJ	36	350	ND	U	11	41	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Pentachlorophenol	ND	UJ	35	1400	ND	U	290	840	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Phenanthrene	ND	UJ	24	350	ND	U	13	41	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Phenol	ND	UJ	37	350	ND	U	54	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	Pyrene	ND	UJ	41	350	ND	U	9.8	41	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	32	350	ND	U	45	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	42	350	ND	U	58	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	53	350	ND	U	50	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	38	350	ND	U	58	210	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8330	1,3,5-Trinitrobenzene	ND	UJ	83	420	ND	U	14	100	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8330	1,3-Dinitrobenzene	ND	UJ	83	420	ND	U	5	100	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8330	2,4,6-Trinitrotoluene	ND	UJ	83	420	ND	U	15	100	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8330	2,4-Dinitrotoluene	ND	UJ	110	420	ND	U	14	100	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8330	2,6-Dinitrotoluene	ND	UJ	110	420	ND	U	25	200	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8330	2-Amino-4,6-Dinitrotoluene	ND	UJ	120	420	ND	U	12	200	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8330	2-Nitrotoluene	ND	UJ	83	420	ND	U	32	200	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8330	3-Nitrotoluene	ND	UJ	120	420	ND	U	33	200	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	83	420	ND	U	86	200	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8330	4-Nitrotoluene	ND	UJ	83	420	ND	U	30	200	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8330	HMX	ND	UJ	83	420	ND	U	30	200	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8330	Nitrobenzene	ND	UJ	92	420	ND	U	17	100	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8330	RDX	ND	UJ	83	420	ND	U	33	200	ug/Kg	NC	NC	OK
AA1-SB35	4/20/2007	12:55	PBOW-07-SO-AA1-SB-35-A-3'-5'	PBOW-07-SO-AA1-SB35-B-3'-5'	SW8330	Tetryl	ND	UJ	83	420	ND	U	120	250	ug/Kg	NC	NC	OK

Data Source: Jacobs, 11 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

U = disagreement
% Diff = percent difference

Plum Brook Acid Area 1 Soil QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison

DL = detection limit
J = estimated value
M = major disagreement
mg/Kg = milligrams per kilogram
NA = not analyzed
NC = not calculated
ND = nondetect
OK = no disagreement
R = rejected data point
RL = reporting limit
RPD = relative percent difference
U = nondetect
µg/Kg = micrograms per kilogram
UJ = estimated nondetect

SEDIMENT DATA

Plum Brook Acid Area 1 Sediment
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Aluminum	9860		13	51.9	8200		1.9	26	mg/Kg	18.38	16.84	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Antimony	ND	UJ	2.6	15.6	ND	U	0.7	2.6	mg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Arsenic	5.2		0.39	1.3	4.3		0.35	1.3	mg/Kg	18.95	17.31	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Barium	57.3	J	1.3	51.9	53		0.57	1.3	mg/Kg	7.80	7.50	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Beryllium	0.53	J	0.26	1.3	0.55		0.019	0.52	mg/Kg	3.70	3.77	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Cadmium	0.43	J	0.26	1.3	0.08	J	0.077	0.26	mg/Kg	137.25	81.40	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Calcium	46500		2600	13000	44000		3.3	13	mg/Kg	5.52	5.38	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Chromium	15.3	J	1.3	2.6	14		0.14	1.3	mg/Kg	8.87	8.50	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Cobalt	8.2	J	1.3	13	7.2		0.12	0.64	mg/Kg	12.99	12.20	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Copper	18	J	1.3	6.5	18		0.18	1.3	mg/Kg	0.00	0.00	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Iron	17200		13	26	17000		4.6	13	mg/Kg	1.17	1.16	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Lead	23.6		0.39	0.78	16		0.31	0.64	mg/Kg	38.38	32.20	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Magnesium	13100		260	1300	15000		2.2	13	mg/Kg	13.52	14.50	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Manganese	508	J	1.3	3.9	610		0.19	1.3	mg/Kg	18.25	20.08	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Nickel	21.7		1.3	10.4	21		0.55	1.3	mg/Kg	3.28	3.23	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Potassium	2050		260	1300	1800		6.3	64	mg/Kg	12.99	12.20	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Selenium	ND	U	0.78	1.3	0.55	J	0.49	1.3	mg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Silver	ND	U	0.26	2.6	ND	U	0.13	0.64	mg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Sodium	ND	U	260	1300	ND	U	120	518	mg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Thallium	ND	U	0.32	0.65	0.69	J	0.61	1.3	mg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Vanadium	25.7	J	1.3	13	21		0.23	0.64	mg/Kg	20.13	18.29	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW6010B	Zinc	50.3		2.6	5.2	47		0.32	2.6	mg/Kg	6.78	6.56	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW7471A	Mercury	0.043	J	0.017	0.043	0.025		0.0071	0.0022	mg/Kg	52.94	41.86	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4.2	17	ND	U	37	110	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4.2	17	ND	U	31	110	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4.2	17	ND	U	30	110	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4.2	17	ND	U	33	110	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4.2	17	ND	U	24	110	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8082	PCB-1254 (Aroclor 1254)	25	J	4.2	17	ND	U	25	110	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8082	PCB-1260 (Aroclor 1260)	64	J	4.2	17	750		22	110	µg/Kg	168.55	1071.88	M
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	1,1,1-Trichloroethane	ND	U	1	5.6	ND	U	0.71	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.48	5.6	ND	U	0.7	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.61	11	NA				µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	1,1,2-Trichloroethane	ND	U	0.39	5.6	ND	U	0.8	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	1,1-Dichloroethane	ND	U	0.6	5.6	ND	U	0.58	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	1,1-Dichloroethene	ND	U	1.3	5.6	ND	U	1.3	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.47	5.6	ND	U	1.1	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.2	5.6	ND	U	1.2	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.3	11	ND	U	1.5	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.48	5.6	ND	U	0.63	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	1,2-Dichlorobenzene	ND	U	0.41	5.6	ND	U	0.71	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	1,2-Dichloroethane	ND	U	0.51	5.6	ND	U	0.54	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	1,2-Dichloropropane	ND	U	0.51	5.6	ND	U	0.54	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	1,3-Dichlorobenzene	ND	U	0.94	5.6	ND	U	0.71	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	1,4-Dichlorobenzene	ND	U	0.61	5.6	ND	U	0.69	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.6	56	ND	U	2.2	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	2-Hexanone	ND	U	2.6	28	ND	U	1.2	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.65	28	ND	U	0.71	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Acetone	ND	U	21	112	25		4.2	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Benzene	2.7	J	0.52	5.6	ND	U	0.68	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Bromochloromethane	ND	U	0.47	11	ND	U	0.74	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Bromodichloromethane	ND	U	0.33	5.6	ND	U	0.56	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Bromoform	ND	U	1.1	5.6	ND	U	0.73	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Bromomethane	ND	U	0.8	11	ND	U	3	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Carbon Disulfide	ND	U	3	15	ND	U	0.98	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Carbon tetrachloride	ND	U	0.98	5.6	ND	U	0.72	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Chlorobenzene	ND	U	2.8	5.6	ND	U	0.55	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Chloroethane	16		1.2	11	ND	U	3	4.9	µg/Kg	NC	NC	D
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Chloroform	ND	U	0.61	5.6	ND	U	0.67	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Chloromethane	ND	U	0.58	11	ND	U	1.3	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Cyclohexane	5.9		0.6	5.6	NA				µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Dibromochloromethane	ND	U	0.38	5.6	ND	U	0.64	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Dichlorodifluoromethane	ND	U	1.2	11	ND	U	0.93	4.9	µg/Kg	NC	NC	OK

Plum Brook Acid Area 1 Sediment
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Ethylbenzene	0.88	J	0.84	5.6	ND	U	0.63	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.98	5.6	ND	U	0.67	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Methyl Acetate	ND	U	1.8	5.6	NA				µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Methylcyclohexane	9.3		0.33	5.6	NA				µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Methylene Chloride	ND	U	0.69	11	ND	U	1.6	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Styrene	ND	U	0.39	5.6	ND	U	0.61	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.36	5.6	ND	U	0.54	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Tetrachloroethene (PCE)	ND	U	1.1	5.6	ND	U	0.88	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Toluene	4.2	J	0.96	5.6	ND	U	1.7	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Trichloroethene (TCE)	ND	U	0.95	5.6	ND	U	0.65	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Trichlorofluoromethane	ND	U	1	11	ND	U	1.5	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Vinyl chloride	ND	U	1.2	11	ND	U	0.77	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	Xylenes, Total	1.7	J	0.78	5.6	ND	U	1.2	9.8	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	cis-1,2-Dichloroethene	ND	U	1.3	5.6	ND	U	0.55	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	cis-1,3-Dichloropropene	ND	U	0.56	5.6	ND	U	0.57	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	trans-1,2-Dichloroethene	ND	U	1.2	5.6	ND	U	0.76	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8260B	trans-1,3-Dichloropropene	ND	U	0.36	5.6	ND	U	0.59	4.9	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	34	430	ND	U	48	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	1,2-Dichlorobenzene	ND	UJ	51	430	ND	U	44	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	1,2-Diphenylhydrazine	ND	UJ	34	430	NA				µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	1,3-Dichlorobenzene	ND	UJ	52	430	ND	U	41	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	1,4-Dichlorobenzene	ND	UJ	55	430	ND	U	49	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	2,4,5-Trichlorophenol	ND	UJ	35	430	ND	U	130	420	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	2,4,6-Trichlorophenol	ND	UJ	45	430	ND	U	90	420	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	2,4-Dichlorophenol	ND	UJ	24	430	ND	U	93	420	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	2,4-Dimethylphenol	ND	UJ	28	1700	ND	U	93	420	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	2,4-Dinitrophenol	ND	UJ	170	430	ND	U	610	850	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	2,4-Dinitrotoluene	ND	UJ	31	430	ND	U	69	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	2,6-Dinitrotoluene	ND	UJ	49	430	ND	U	59	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	2-Chloronaphthalene	ND	UJ	41	430	ND	U	46	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	2-Chlorophenol	ND	UJ	53	430	ND	U	55	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	2-Methylnaphthalene	ND	UJ	45	430	ND	U	52	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	50	430	ND	U	59	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	2-Nitroaniline	ND	UJ	42	1700	ND	U	61	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	2-Nitrophenol	ND	UJ	28	430	ND	U	120	420	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	41	430	ND	U	49	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	3-Methylphenol	ND	UJ	35	430	NA				µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	3-Nitroaniline	ND	UJ	61	1700	ND	U	180	420	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	28	1700	ND	U	170	420	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	33	430	ND	U	53	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	4-Chloro-3-methylphenol	ND	UJ	36	430	ND	U	130	420	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	4-Chloroaniline	ND	UJ	62	430	ND	U	210	850	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	40	430	ND	U	49	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	34	430	ND	U	74	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	4-Nitroaniline	ND	UJ	130	1700	ND	U	84	420	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	4-Nitrophenol	ND	UJ	100	1700	ND	U	150	850	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Acenaphthene	ND	UJ	34	430	ND	U	8.8	42	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Acenaphthylene	ND	UJ	25	430	ND	U	13	42	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Anthracene	ND	UJ	35	430	ND	U	15	42	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Benzo(a)anthracene	ND	UJ	47	430	13	J	6.7	42	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Benzo(a)pyrene	ND	UJ	30	430	16	J	10	42	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Benzo(b)fluoranthene	ND	UJ	41	430	27	J	12	42	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Benzo(g,h,i)perylene	ND	UJ	91	430	14	J	7.1	42	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Benzo(k)fluoranthene	ND	UJ	51	430	ND	U	9.3	42	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Benzoic acid	ND	UJ	25	1700	ND	U	490	2100	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Benzyl alcohol	ND	UJ	58	430	ND	U	200	420	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Butylbenzylphthalate	ND	UJ	38	430	ND	U	59	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Carbazole	ND	UJ	47	430	ND	U	54	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Chrysene	ND	UJ	40	430	16	J	11	42	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Di-n-butylphthalate	ND	UJ	39	430	ND	U	55	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Di-n-octylphthalate	ND	UJ	35	430	ND	U	55	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Dibenz(a,h)anthracene	ND	UJ	78	430	ND	U	23	42	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Dibenzofuran	ND	UJ	32	430	ND	U	42	210	µg/Kg	NC	NC	OK

Plum Brook Acid Area 1 Sediment
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Diethylphthalate	ND	UJ	860	860	ND	U	55	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Dimethylphthalate	ND	UJ	39	430	ND	U	48	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Fluoranthene	ND	UJ	69	430	24	J	16	42	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Fluorene	ND	UJ	34	430	ND	U	9.3	42	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Hexachlorobenzene	ND	UJ	45	430	ND	U	9.2	85	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Hexachlorobutadiene	ND	UJ	42	430	ND	U	45	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Hexachlorocyclopentadiene	ND	UJ	79	430	ND	U	230	850	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Hexachloroethane	ND	UJ	51	430	ND	U	47	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	60	430	ND	U	23	42	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Isophorone	ND	UJ	37	430	ND	U	50	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	71	430	ND	U	56	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	N-Nitrosodimethylamine	ND	UJ	120	430	NA				µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	N-Nitrosodiphenylamine	ND	UJ	41	430	ND	U	49	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Naphthalene	ND	UJ	42	430	ND	U	8.3	42	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Nitrobenzene	ND	UJ	45	430	ND	U	11	42	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Pentachlorophenol	ND	UJ	44	1700	ND	U	290	850	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Phenanthrene	ND	UJ	30	430	ND	U	13	42	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Phenol	ND	UJ	47	430	ND	U	55	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	Pyrene	ND	UJ	51	430	24	J	9.9	42	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	40	430	ND	U	45	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	53	430	ND	U	58	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	66	430	ND	U	51	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	47	430	ND	U	59	210	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8330	1,3,5-Trinitrobenzene	ND	U	83	420	ND	U	14	100	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8330	1,3-Dinitrobenzene	ND	U	83	420	ND	U	5	100	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8330	2,4,6-Trinitrotoluene	ND	U	83	420	ND	U	15	100	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8330	2,4-Dinitrotoluene	ND	U	110	420	ND	U	14	100	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8330	2,6-Dinitrotoluene	ND	U	110	420	ND	U	25	200	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	120	420	ND	U	12	200	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8330	2-Nitrotoluene	ND	U	83	420	ND	U	32	200	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8330	3-Nitrotoluene	ND	U	120	420	ND	U	33	200	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	83	420	ND	U	86	200	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8330	4-Nitrotoluene	ND	U	83	420	ND	U	30	200	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8330	HMX	ND	U	83	420	ND	U	30	200	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8330	Nitrobenzene	ND	U	92	420	ND	U	17	100	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8330	RDX	ND	U	83	420	ND	U	33	200	µg/Kg	NC	NC	OK
AA1-SD04	5/24/2007	9:40	PBOW-07-SD-AA1-SD04-A	PBOW-07-SD-AAI-SD04-B	SW8330	Tetryl	ND	U	83	420	ND	U	120	250	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Aluminum	9720		12.3	49.1	6500		2.2	29	mg/Kg	39.70	33.13	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Antimony	ND	UJ	2.5	14.7	ND	U	0.78	2.9	mg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Arsenic	7		0.37	1.2	4.9		0.39	1.5	mg/Kg	35.29	30.00	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Barium	54.2	J	1.2	49.1	52		0.64	1.5	mg/Kg	4.14	4.06	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Beryllium	0.59	J	0.25	1.2	0.49	J	0.022	0.58	mg/Kg	18.52	16.95	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Cadmium	0.5	J	0.25	1.2	0.18	J	0.087	0.29	mg/Kg	94.12	64.00	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Calcium	35300		2460	12300	39000		3.8	15	mg/Kg	9.96	10.48	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Chromium	15.9	J	1.2	2.5	12		0.16	1.5	mg/Kg	27.96	24.53	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Cobalt	9	J	1.2	12.3	9.4		0.14	0.73	mg/Kg	4.35	4.44	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Copper	17.9	J	1.2	6.1	15		0.2	1.5	mg/Kg	17.63	16.20	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Iron	18000		12.3	24.6	16000		5.2	15	mg/Kg	11.76	11.11	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Lead	14.3		0.37	0.74	11		0.35	0.73	mg/Kg	26.09	23.08	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Magnesium	8610		246	1230	8500		2.5	15	mg/Kg	1.29	1.28	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Manganese	781	J	2.5	7.4	1400		0.22	1.5	mg/Kg	56.76	79.26	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Nickel	22.4		1.2	9.8	20		0.62	1.5	mg/Kg	11.32	10.71	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Potassium	1940		246	1230	1500		7.1	73	mg/Kg	25.58	22.68	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Selenium	ND	U	0.74	1.2	0.95	J	0.55	1.5	mg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Silver	ND	U	0.25	2.5	0.19	J	0.15	0.73	mg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Sodium	ND	U	246	1230	ND	U	100	510	mg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Thallium	ND	U	0.31	0.61	1.7		0.68	1.5	mg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Vanadium	27.7		1.2	12.3	19		0.26	0.73	mg/Kg	37.26	31.41	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW6010B	Zinc	53	J	2.5	4.9	48		0.36	2.9	mg/Kg	9.90	9.43	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW7471A	Mercury	0.021	J	0.016	0.04	0.015	J	0.0079	0.025	mg/Kg	33.33	28.57	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8082	PCB-1016 (Aroclor 1016)	ND	U	4	16	ND	U	7.8	23	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8082	PCB-1221 (Aroclor 1221)	ND	U	4	16	ND	U	6.4	23	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8082	PCB-1232 (Aroclor 1232)	ND	U	4	16	ND	U	6.3	23	µg/Kg	NC	NC	OK

Plum Brook Acid Area 1 Sediment
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8082	PCB-1242 (Aroclor 1242)	ND	U	4	16	ND	U	6.9	23	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8082	PCB-1248 (Aroclor 1248)	ND	U	4	16	ND	U	5	23	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8082	PCB-1254 (Aroclor 1254)	21		4	16	ND	U	5.2	23	µg/Kg	NC	NC	D
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8082	PCB-1260 (Aroclor 1260)	30		4	16	28		4.6	23	µg/Kg	6.90	6.67	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	1,1,1-Trichloroethane	ND	U	0.91	5	ND	U	0.72	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.43	5	ND	U	0.71	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.56	10	NA				µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	1,1,2-Trichloroethane	ND	U	0.35	5	ND	U	0.82	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	1,1-Dichloroethane	ND	U	0.54	5	ND	U	0.59	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	1,1-Dichloroethene	ND	U	1.2	5	ND	U	1.3	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.42	5	ND	U	1.1	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.18	5	ND	U	1.2	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	1.2	10	ND	U	1.5	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.43	5	ND	U	0.64	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	1,2-Dichlorobenzene	ND	U	0.37	5	ND	U	0.72	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	1,2-Dichloroethane	ND	U	0.46	5	ND	U	0.55	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	1,2-Dichloropropane	ND	U	0.46	5	ND	U	0.55	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	1,3-Dichlorobenzene	ND	U	0.85	5	ND	U	0.72	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	1,4-Dichlorobenzene	ND	U	0.56	5	ND	U	0.7	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.4	50	ND	U	2.2	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	2-Hexanone	ND	U	2.3	25	ND	U	1.2	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	0.58	25	ND	U	0.72	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Acetone	19	J	2	50	ND	U	4.3	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Benzene	1.1	J	0.47	5	ND	U	0.69	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Bromochloromethane	ND	U	0.42	10	ND	U	0.75	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Bromodichloromethane	ND	U	0.3	5	ND	U	0.57	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Bromoform	ND	U	1	5	ND	U	0.74	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Bromomethane	ND	U	0.73	10	ND	U	3.1	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Carbon Disulfide	ND	UJ	1.3	5	ND	U	1	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Carbon tetrachloride	ND	U	0.89	5	ND	U	0.73	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Chlorobenzene	ND	U	2.5	5	ND	U	0.56	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Chloroethane	ND	U	1.1	10	ND	U	3.1	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Chloroform	ND	U	0.56	5	ND	U	0.68	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Chloromethane	ND	U	0.52	10	ND	U	1.3	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Cyclohexane	2.2	J	0.54	5	NA				µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Dibromochloromethane	ND	U	0.34	5	ND	U	0.65	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Dichlorodifluoromethane	ND	U	1.1	10	ND	U	0.95	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Ethylbenzene	0.76	J	0.76	5	ND	U	0.64	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.89	5	ND	U	0.68	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Methyl Acetate	ND	U	1.6	5	NA				µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Methylcyclohexane	3.3	J	0.3	5	NA				µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Methylene Chloride	ND	U	0.62	10	ND	U	1.6	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Styrene	ND	U	0.35	5	ND	U	0.62	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.32	5	ND	U	0.55	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Tetrachloroethene (PCE)	ND	U	0.98	5	ND	U	0.9	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Toluene	2.6	J	0.87	5	ND	U	1.7	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Trichloroethene (TCE)	ND	U	0.86	5	ND	U	0.66	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Trichlorofluoromethane	ND	U	0.96	10	ND	U	1.5	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Vinyl chloride	ND	U	1.1	10	ND	U	0.78	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	Xylenes, Total	ND	U	0.71	5	ND	U	1.2	10	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	cis-1,2-Dichloroethene	ND	U	1.2	5	ND	U	0.56	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	cis-1,3-Dichloropropene	ND	U	0.5	5	ND	U	0.58	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	trans-1,2-Dichloroethene	ND	U	1.1	5	ND	U	0.77	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8260B	trans-1,3-Dichloropropene	ND	U	0.32	5	ND	U	0.6	5	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	1,2,4-Trichlorobenzene	ND	UJ	31	400	ND	U	54	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	1,2-Dichlorobenzene	ND	UJ	47	400	ND	U	50	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	1,2-Diphenylhydrazine	ND	UJ	32	400	NA				µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	1,3-Dichlorobenzene	ND	UJ	48	400	ND	U	46	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	1,4-Dichlorobenzene	ND	UJ	51	400	ND	U	55	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	2,4,5-Trichlorophenol	ND	UJ	32	400	ND	U	140	470	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	2,4,6-Trichlorophenol	ND	UJ	42	400	ND	U	100	470	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	2,4-Dichlorophenol	ND	UJ	23	400	ND	U	100	470	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	2,4-Dimethylphenol	ND	UJ	26	1600	ND	U	110	470	µg/Kg	NC	NC	OK

Plum Brook Acid Area 1 Sediment
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	%Diff	Comparison
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	2,4-Dinitrophenol	ND	UJ	160	400	ND	U	680	960	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	2,4-Dinitrotoluene	ND	UJ	29	400	ND	U	78	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	2,6-Dinitrotoluene	ND	UJ	46	400	ND	U	67	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	2-Chloronaphthalene	ND	UJ	39	400	ND	U	52	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	2-Chlorophenol	ND	UJ	49	400	ND	U	62	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	2-Methylnaphthalene	ND	UJ	42	400	ND	U	58	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	2-Methylphenol (o-Cresol)	ND	UJ	47	400	ND	U	66	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	2-Nitroaniline	ND	UJ	39	1600	ND	U	69	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	2-Nitrophenol	ND	UJ	27	400	ND	U	130	470	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	38	400	ND	U	55	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	3-Methylphenol	ND	UJ	33	400	NA				µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	3-Nitroaniline	ND	UJ	57	1600	ND	U	210	470	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	4,6-Dinitro-2-methylphenol	ND	UJ	26	1600	ND	U	190	470	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	4-Bromophenyl phenyl ether	ND	UJ	31	400	ND	U	59	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	4-Chloro-3-methylphenol	ND	UJ	34	400	ND	U	140	470	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	4-Chloroaniline	ND	UJ	58	400	ND	U	230	960	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	4-Chlorophenyl phenyl ether	ND	UJ	37	400	ND	U	55	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	4-Methylphenol (p-Cresol)	ND	UJ	32	400	ND	U	84	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	4-Nitroaniline	ND	UJ	120	1600	ND	U	95	470	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	4-Nitrophenol	ND	UJ	98	1600	ND	U	160	960	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Acenaphthene	ND	UJ	32	400	ND	U	9.9	47	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Acenaphthylene	ND	UJ	24	400	ND	U	14	47	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Anthracene	ND	UJ	33	400	ND	U	16	47	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Benzo(a)anthracene	110	J	44	400	37	J	7.6	47	µg/Kg	99.32	66.36	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Benzo(a)pyrene	ND	UJ	28	400	45	J	11	47	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Benzo(b)fluoranthene	110	J	38	400	64		14	47	µg/Kg	52.87	41.82	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Benzo(g,h,i)perylene	ND	UJ	85	400	30	J	8	47	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Benzo(k)fluoranthene	90	J	47	400	30	J	10	47	µg/Kg	100.00	66.67	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Benzoic acid	ND	UJ	24	1600	ND	U	550	2400	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Benzyl alcohol	ND	UJ	54	400	ND	U	230	470	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Butylbenzylphthalate	ND	UJ	36	400	ND	U	67	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Carbazole	ND	UJ	44	400	ND	U	60	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Chrysene	120	J	37	400	51		12	47	µg/Kg	80.70	57.50	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Di-n-butylphthalate	ND	UJ	37	400	ND	U	61	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Di-n-octylphthalate	ND	UJ	32	400	ND	U	62	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Dibenz(a,h)anthracene	ND	UJ	73	400	ND	U	25	47	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Dibenzofuran	ND	UJ	30	400	ND	U	48	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Diethylphthalate	ND	UJ	800	800	ND	U	61	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Dimethylphthalate	ND	UJ	37	400	ND	U	54	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Fluoranthene	200	J	65	400	95		18	47	µg/Kg	71.19	52.50	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Fluorene	ND	UJ	32	400	ND	U	10	47	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Hexachlorobenzene	ND	UJ	42	400	ND	U	10	96	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Hexachlorobutadiene	ND	UJ	40	400	ND	U	51	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Hexachlorocyclopentadiene	ND	UJ	74	400	ND	U	250	960	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Hexachloroethane	ND	UJ	47	400	ND	U	53	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Indeno(1,2,3-cd)pyrene	ND	UJ	56	400	28	J	26	47	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Isophorone	ND	UJ	34	400	ND	U	57	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	N-Nitroso-di-n-propylamine	ND	UJ	66	400	ND	U	64	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	N-Nitrosodimethylamine	ND	UJ	110	400	NA				µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	N-Nitrosodiphenylamine	ND	UJ	38	400	ND	U	55	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Naphthalene	ND	UJ	39	400	ND	U	9.3	47	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Nitrobenzene	ND	UJ	42	400	ND	U	12	47	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Pentachlorophenol	ND	UJ	41	1600	ND	U	330	960	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Phenanthrene	92	J	28	400	37	J	15	47	µg/Kg	85.27	59.78	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Phenol	ND	UJ	44	400	ND	U	62	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	Pyrene	200	J	48	400	76		11	47	µg/Kg	89.86	62.00	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	bis(2-Chloroethoxy)methane	ND	UJ	37	400	ND	U	51	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	UJ	49	400	ND	U	66	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	bis(2-Chloroisopropyl)ether	ND	UJ	62	400	ND	U	57	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	44	400	ND	U	66	240	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8330	1,3,5-Trinitrobenzene	ND	U	100	500	ND	U	14	100	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8330	1,3-Dinitrobenzene	ND	U	100	500	ND	U	5	100	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8330	2,4,6-Trinitrotoluene	ND	U	100	500	ND	U	15	100	µg/Kg	NC	NC	OK

Plum Brook Acid Area 1 Sediment
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8330	2,4-Dinitrotoluene	ND	U	130	500	ND	U	14	100	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8330	2,6-Dinitrotoluene	ND	U	130	500	ND	U	25	200	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	150	500	ND	U	12	200	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8330	2-Nitrotoluene	ND	U	100	500	ND	U	32	200	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8330	3-Nitrotoluene	ND	U	150	500	ND	U	32	200	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	100	500	ND	U	85	200	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8330	4-Nitrotoluene	ND	U	100	500	ND	U	30	200	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8330	HMX	ND	U	100	500	ND	U	30	200	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8330	Nitrobenzene	ND	U	110	500	ND	U	17	100	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8330	RDX	ND	U	100	500	ND	U	33	200	µg/Kg	NC	NC	OK
AA1-SD09	5/24/2007	11:15	PBOW-07-SD-AA1-SD09-A	PBOW-07-SD-AAI-SD09-B	SW8330	Tetryl	ND	U	100	500	ND	U	120	250	µg/Kg	NC	NC	OK

Data Source: Jacobs, 11 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

D = disagreement
% Diff = percent difference
DL = detection limit
J = estimated value
M = major disagreement
mg/Kg = milligrams per kilogram
NA = not analyzed
NC = not calculated
ND = nondetect
OK = no disagreement
RL = reporting limit
RPD = relative percent difference
U = nondetect
µg/Kg = micrograms per kilogram
UJ = estimated nondetect

SURFACE WATER DATA

Plum Brook Acid Area 1 Surface Water
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Aluminum	ND	U	100	200	ND	U	25	300	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Antimony	ND	U	5	15	ND	U	4.5	20	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Arsenic	ND	U	3	10	ND	U	2.7	10	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Barium	11.5	J	5	40	11		3.6	10	µg/L	4.44	4.35	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Beryllium	ND	U	1	5	ND	U	0.56	4	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Cadmium	ND	U	1	5	ND	U	0.71	2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Calcium	120000		500	2000	110000		22	100	µg/L	8.70	8.33	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Chromium	ND	U	2	10	ND	U	1.7	10	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Cobalt	6.5	J	3	12.5	4.2	J	0.95	5	µg/L	42.99	35.38	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Copper	ND	U	4	25	2.6	J	1.7	10	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Iron	79.6	J	30	100	ND	U	48	100	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Lead	ND	U	1.5	3	ND	U	2.2	5	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Magnesium	28300		500	2000	27000		43	100	µg/L	4.70	4.59	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Manganese	70.5		3	15	38		1.9	10	µg/L	59.91	46.10	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Nickel	51.1		3	10	44		1.9	10	µg/L	14.93	13.89	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Potassium	2380		500	2000	2500		93	500	µg/L	4.92	5.04	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Selenium	ND	U	3	5	ND	U	4.7	10	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Silver	ND	U	1	10	ND	U	1	5	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Sodium	3430		500	2000	4300		330	1000	µg/L	22.51	25.36	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Thallium	ND	U	3	10	ND	U	7	10	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Vanadium	ND	U	3	12.5	ND	U	1.3	5	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW6010B	Zinc	28.1		5	20	38		3.8	20	µg/L	29.95	35.23	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW7470A	Mercury	ND	U	0.08	0.2	ND	U	0.094	0.2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.1	0.2	ND	U	0.18	0.49	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.1	0.2	ND	U	0.41	0.49	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.1	0.2	ND	U	0.34	0.49	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.1	0.2	ND	U	0.42	0.49	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.1	0.2	ND	U	0.47	0.49	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.1	0.2	ND	U	0.34	0.49	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.1	0.2	ND	U	0.17	0.49	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ND	U	0.17	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ND	U	0.34	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	NA				µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ND	U	0.24	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ND	U	0.15	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ND	U	0.25	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ND	U	0.43	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ND	U	0.36	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ND	U	0.41	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ND	U	0.33	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ND	U	0.29	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ND	U	0.25	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ND	U	0.19	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ND	U	0.21	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ND	U	0.25	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ND	U	1	5	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	2-Hexanone	ND	U	0.83	5	ND	U	0.99	5	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ND	U	0.92	5	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Acetone	ND	U	1.1	10	ND	U	1.4	5	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Benzene	ND	U	0.11	1	ND	U	0.23	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Bromochloromethane	ND	U	0.31	2	ND	U	0.27	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Bromodichloromethane	ND	U	0.086	1	ND	U	0.22	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Bromoform	ND	U	0.24	1	ND	U	0.32	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Bromomethane	ND	U	0.33	2	ND	U	0.59	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Carbon Disulfide	ND	U	0.13	1	ND	U	0.15	5	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ND	U	0.34	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Chlorobenzene	ND	U	0.28	1	ND	U	0.15	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Chloroethane	ND	U	0.38	2	ND	U	0.32	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Chloroform	ND	U	0.1	1	ND	U	0.14	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Chloromethane	ND	U	0.4	2	ND	U	0.2	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Cyclohexane	ND	U	0.18	1	ND	U	0.22	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Dibromochloromethane	ND	U	0.08	1	ND	U	0.21	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ND	U	0.12	1	µg/L	NC	NC	OK

Plum Brook Acid Area 1 Surface Water
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Results	Qualifier	DL	RL	Results	Qualifier	DL	RL	Units	RPD	%Diff.	Comparison
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Ethylbenzene	ND	U	0.14	1	ND	U	0.21	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ND	U	0.2	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Methyl Acetate	ND	U	0.87	2	NA				µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Methylcyclohexane	ND	U	0.2	1	NA				µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Methylene Chloride	ND	U	0.26	2	ND	U	0.24	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Styrene	ND	U	0.22	1	ND	U	0.18	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ND	U	0.21	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ND	U	0.18	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Toluene	ND	U	0.18	1	ND	U	0.18	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ND	U	0.13	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ND	U	0.14	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Vinyl chloride	ND	U	0.19	2	ND	U	0.16	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	Xylenes, Total	ND	U	0.21	1	ND	U	0.36	2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ND	U	0.2	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ND	U	0.15	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ND	U	0.29	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ND	U	0.16	1	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.35	4.8	ND	U	0.27	2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	1,2-Dichlorobenzene	ND	U	0.69	4.8	ND	U	0.23	2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	1,2-Diphenylhydrazine	ND	U	0.66	4.8	NA				µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	1,3-Dichlorobenzene	ND	U	0.36	4.8	ND	U	0.22	2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	1,4-Dichlorobenzene	ND	U	0.52	4.8	ND	U	0.25	2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	2,4,5-Trichlorophenol	ND	U	0.48	4.8	ND	U	1.4	9.8	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	2,4,6-Trichlorophenol	ND	U	0.7	4.8	ND	U	1.4	4.9	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	2,4-Dichlorophenol	ND	U	0.42	4.8	ND	U	1.6	9.8	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	2,4-Dimethylphenol	ND	U	0.68	4.8	ND	U	1.6	9.8	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	2,4-Dinitrophenol	ND	U	0.82	24	ND	U	8.1	20	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	2,4-Dinitrotoluene	ND	U	0.47	4.8	ND	U	0.28	0.98	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	2,6-Dinitrotoluene	ND	U	0.63	4.8	ND	U	0.19	0.49	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	2-Chloronaphthalene	ND	U	0.56	4.8	ND	U	0.25	2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	2-Chlorophenol	ND	U	0.57	4.8	ND	U	1.5	4.9	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	2-Methylnaphthalene	ND	U	0.65	4.8	ND	U	0.028	0.49	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.8	4.8	ND	U	0.26	2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	2-Nitroaniline	ND	U	1.1	24	ND	U	1.2	4.9	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	2-Nitrophenol	ND	U	0.71	4.8	ND	U	1.6	9.8	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.86	9.6	ND	U	1.1	4.9	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	3-Methylphenol	ND	U	0.74	4.8	NA				µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	3-Nitroaniline	ND	U	1	24	ND	U	1.6	9.8	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.71	24	ND	U	1.9	20	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.55	4.8	ND	U	0.98	4.9	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	4-Chloro-3-methylphenol	ND	U	0.56	4.8	ND	U	1.4	9.8	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	4-Chloroaniline	ND	U	0.91	4.8	ND	U	1.4	9.8	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.86	4.8	ND	U	1.1	4.9	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.74	4.8	ND	U	0.19	2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	4-Nitroaniline	ND	U	2	24	ND	U	1.2	9.8	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	4-Nitrophenol	ND	U	0.8	24	ND	U	3.2	20	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Acenaphthene	ND	U	0.6	4.8	ND	U	0.031	0.98	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Acenaphthylene	ND	U	0.45	4.8	ND	U	0.037	0.98	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Anthracene	ND	U	0.74	4.8	ND	U	0.038	0.98	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Benzo(a)anthracene	ND	U	0.88	4.8	ND	U	0.04	0.2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Benzo(a)pyrene	ND	U	0.58	4.8	ND	U	0.037	0.2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Benzo(b)fluoranthene	ND	U	0.68	4.8	ND	U	0.045	0.2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.8	ND	U	0.041	0.98	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Benzo(k)fluoranthene	ND	U	0.48	4.8	ND	U	0.041	0.2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Benzoic acid	ND	U	0.38	24	ND	U	4.2	20	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Benzyl alcohol	ND	U	0.72	4.8	ND	U	1.2	20	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Butylbenzylphthalate	ND	U	0.79	4.8	ND	U	0.28	2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Carbazole	ND	U	0.66	4.8	ND	U	1.2	4.9	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Chrysene	ND	U	0.97	4.8	ND	U	0.037	0.49	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.8	ND	U	1.2	4.9	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Di-n-octylphthalate	ND	U	0.32	4.8	ND	U	1.1	9.8	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.8	ND	U	0.039	0.29	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Dibenzofuran	ND	U	0.62	4.8	ND	U	0.25	2	µg/L	NC	NC	OK

Plum Brook Acid Area 1 Surface Water
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	%Diff	Comparison
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Diethylphthalate	ND	U	0.98	4.8	ND	U	0.31	2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Dimethylphthalate	ND	U	0.71	4.8	ND	U	0.31	2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Fluoranthene	ND	U	0.67	4.8	ND	U	0.042	0.98	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Fluorene	ND	U	0.53	4.8	ND	U	0.034	0.98	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Hexachlorobenzene	ND	U	0.45	4.8	ND	U	0.058	0.49	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Hexachlorobutadiene	ND	U	0.89	4.8	ND	U	1.2	4.9	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Hexachlorocyclopentadiene	ND	U	0.86	4.8	ND	U	3.5	20	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Hexachloroethane	ND	U	0.44	4.8	ND	U	1.1	4.9	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.4	4.8	ND	U	0.038	0.2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Isophorone	ND	U	0.53	4.8	ND	U	0.23	2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.86	4.8	ND	U	0.33	0.49	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	N-Nitrosodimethylamine	ND	U	0.86	4.8	NA				µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	N-Nitrosodiphenylamine	ND	U	0.44	4.8	ND	U	0.25	0.98	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Naphthalene	ND	U	0.43	4.8	ND	U	0.034	0.98	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Nitrobenzene	ND	U	0.6	4.8	ND	U	0.25	0.98	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Pentachlorophenol	ND	U	0.96	24	ND	U	1.5	9.8	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Phenanthrene	ND	U	0.74	4.8	ND	U	0.036	0.98	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Phenol	ND	U	0.44	4.8	ND	U	0.69	4.9	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	Pyrene	ND	U	0.62	4.8	ND	U	0.042	0.98	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.5	4.8	ND	U	0.33	2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.43	4.8	ND	U	0.26	2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.82	4.8	ND	U	0.23	2	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.8	ND	U	1.2	9.8	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8330	1,3,5-Trinitrobenzene	ND	U	0.08	0.4	ND	U	0.039	0.16	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8330	1,3-Dinitrobenzene	ND	U	0.08	0.4	ND	U	0.033	0.16	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8330	2,4,6-Trinitrotoluene	ND	U	0.08	0.4	ND	U	0.036	0.16	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8330	2,4-Dinitrotoluene	ND	U	0.1	0.4	ND	U	0.032	0.31	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8330	2,6-Dinitrotoluene	ND	U	0.1	0.4	ND	U	0.071	0.31	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.12	0.4	ND	U	0.035	0.31	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8330	2-Nitrotoluene	ND	U	0.08	0.4	ND	U	0.082	0.31	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8330	3-Nitrotoluene	ND	U	0.12	0.4	ND	U	0.14	0.31	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.08	0.4	ND	U	0.074	0.31	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8330	4-Nitrotoluene	ND	U	0.08	0.4	ND	U	0.082	0.31	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8330	HMX	ND	U	0.08	0.4	ND	U	0.12	0.31	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8330	Nitrobenzene	ND	U	0.088	0.4	ND	U	0.032	0.16	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8330	RDX	ND	U	0.08	0.4	ND	U	0.077	0.16	µg/L	NC	NC	OK
AA1-SW02	5/22/2007	10:15	PBOW-07-SW-AA1-SW02-A	PBOW-07-SW-AAI-SW02-B	SW8330	Tetryl	ND	U	0.08	0.4	ND	U	0.065	0.39	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Aluminum	540		100	200	ND	U	24	300	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Antimony	ND	U	5	15	ND	U	4.5	20	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Arsenic	ND	U	3	10	ND	U	2.7	10	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Barium	35.6	J	5	40	26		3.6	10	µg/L	31.17	26.97	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Beryllium	ND	U	1	5	ND	U	0.56	4	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Cadmium	ND	U	1	5	ND	U	0.71	2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Calcium	152000		500	2000	130000		22	100	µg/L	15.60	14.47	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Chromium	ND	U	2	10	ND	U	1.7	10	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Cobalt	ND	U	3	12.5	ND	U	0.95	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Copper	ND	U	4	25	1.8	J	1.7	10	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Iron	1180	J	30	100	92	J	48	100	µg/L	171.07	92.20	M
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Lead	6.3	J	1.5	3	ND	U	2.2	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Magnesium	29600		500	2000	26000		43	100	µg/L	12.95	12.16	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Manganese	626	J	3	15	210		1.9	10	µg/L	99.52	66.45	M
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Nickel	3.7	J	3	10	ND	U	1.9	10	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Potassium	1620	J	500	2000	1500		93	500	µg/L	7.69	7.41	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Selenium	ND	U	3	5	ND	U	4.7	10	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Silver	ND	U	1	10	ND	U	1	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Sodium	5770		500	2000	6300		330	1000	µg/L	8.78	9.19	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Thallium	ND	U	3	10	ND	U	7	10	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Vanadium	ND	U	3	12.5	ND	U	1.3	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW6010B	Zinc	7	J	5	20	ND	U	3.8	20	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW7470A	Mercury	ND	U	0.08	0.2	ND	U	0.094	0.2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8082	PCB-1016 (Aroclor 1016)	ND	U	0.1	0.21	ND	U	0.18	0.49	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8082	PCB-1221 (Aroclor 1221)	ND	U	0.1	0.21	ND	U	0.41	0.49	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8082	PCB-1232 (Aroclor 1232)	ND	U	0.1	0.21	ND	U	0.34	0.49	µg/L	NC	NC	OK

Plum Brook Acid Area 1 Surface Water
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8082	PCB-1242 (Aroclor 1242)	ND	U	0.1	0.21	ND	U	0.42	0.49	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.1	0.21	ND	U	0.47	0.49	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.1	0.21	ND	U	0.34	0.49	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.1	0.21	ND	U	0.17	0.49	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	1,1,1-Trichloroethane	ND	U	0.15	1	ND	U	0.17	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ND	U	0.34	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	NA				µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ND	U	0.24	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	1,1-Dichloroethane	ND	U	0.15	1	ND	U	0.15	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	1,1-Dichloroethene	ND	U	0.42	1	ND	U	0.25	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ND	U	0.43	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ND	U	0.36	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ND	U	0.41	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ND	U	0.33	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ND	U	0.29	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ND	U	0.25	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ND	U	0.19	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ND	U	0.21	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ND	U	0.25	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ND	U	1	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	2-Hexanone	ND	U	0.83	5	ND	U	0.99	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ND	U	0.92	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Acetone	ND	U	1.1	10	ND	U	1.4	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Benzene	ND	U	0.11	1	ND	U	0.23	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Bromochloromethane	ND	U	0.31	2	ND	U	0.27	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Bromodichloromethane	ND	U	0.086	1	ND	U	0.22	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Bromoform	ND	U	0.24	1	ND	U	0.32	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Bromomethane	ND	U	0.33	2	ND	U	0.59	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Carbon Disulfide	ND	U	0.13	1	ND	U	0.15	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ND	U	0.34	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Chlorobenzene	ND	U	0.28	1	ND	U	0.15	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Chloroethane	ND	U	0.38	2	ND	U	0.32	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Chloroform	ND	U	0.1	1	ND	U	0.14	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Chloromethane	ND	U	0.4	2	ND	U	0.2	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Cyclohexane	ND	U	0.18	1	NA				µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Dibromochloromethane	ND	U	0.08	1	ND	U	0.22	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ND	U	0.12	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Ethylbenzene	ND	U	0.14	1	ND	U	0.21	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ND	U	0.2	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Methyl Acetate	ND	U	0.87	2	NA				µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Methylcyclohexane	ND	U	0.2	1	NA				µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Methylene Chloride	ND	U	0.26	2	ND	U	0.24	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Styrene	ND	U	0.22	1	ND	U	0.18	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ND	U	0.21	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ND	U	0.18	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Toluene	ND	U	0.18	1	ND	U	0.18	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ND	U	0.13	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ND	U	0.14	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Vinyl chloride	ND	U	0.19	2	ND	U	0.16	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	Xylenes, Total	ND	U	0.21	1	ND	U	0.36	2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ND	U	0.2	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ND	U	0.15	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ND	U	0.29	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ND	U	0.16	1	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.34	4.7	ND	U	0.28	2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	1,2-Dichlorobenzene	ND	U	0.67	4.7	ND	U	0.23	2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.7	NA				µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	1,3-Dichlorobenzene	ND	U	0.36	4.7	ND	U	0.22	2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	1,4-Dichlorobenzene	ND	U	0.5	4.7	ND	U	0.26	2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	2,4,5-Trichlorophenol	ND	U	0.47	4.7	ND	U	1.4	9.9	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	2,4,6-Trichlorophenol	ND	U	0.68	4.7	ND	U	1.4	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	2,4-Dichlorophenol	ND	U	0.41	4.7	ND	U	1.6	9.9	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	2,4-Dimethylphenol	ND	U	0.66	4.7	ND	U	1.6	9.9	µg/L	NC	NC	OK

Plum Brook Acid Area 1 Surface Water
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	2,4-Dinitrophenol	ND	U	0.79	23	ND	U	8.2	20	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	2,4-Dinitrotoluene	ND	U	0.46	4.7	ND	U	0.29	0.99	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	2,6-Dinitrotoluene	ND	U	0.62	4.7	ND	U	0.19	0.5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.7	ND	U	0.26	2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	2-Chlorophenol	ND	U	0.55	4.7	ND	U	1.5	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	2-Methylnaphthalene	ND	U	0.64	4.7	ND	U	0.029	0.5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.78	4.7	ND	U	0.27	2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	2-Nitroaniline	ND	U	1.1	23	ND	U	1.2	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	2-Nitrophenol	ND	U	0.69	4.7	ND	U	1.6	9.9	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.83	9.3	ND	U	1.1	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	3-Methylphenol	ND	U	0.72	4.7	NA				µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	3-Nitroaniline	ND	U	0.98	23	ND	U	1.6	9.9	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.69	23	ND	U	1.9	20	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.7	ND	U	0.99	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	4-Chloro-3-methylphenol	ND	U	0.54	4.7	ND	U	1.4	9.9	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	4-Chloroaniline	ND	U	0.89	4.7	ND	U	1.4	9.9	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.83	4.7	ND	U	1.1	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.72	4.7	ND	U	0.19	2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	4-Nitroaniline	ND	U	1.9	23	ND	U	1.2	9.9	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	4-Nitrophenol	ND	U	0.78	23	ND	U	3.3	20	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Acenaphthene	ND	U	0.59	4.7	ND	U	0.032	0.99	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Acenaphthylene	ND	U	0.44	4.7	ND	U	0.038	0.99	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Anthracene	ND	U	0.72	4.7	ND	U	0.039	0.99	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Benzo(a)anthracene	ND	U	0.85	4.7	ND	U	0.041	0.2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Benzo(a)pyrene	ND	U	0.56	4.7	ND	U	0.038	0.2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Benzo(b)fluoranthene	ND	U	0.66	4.7	ND	U	0.046	0.2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Benzo(g,h,i)perylene	ND	UJ	1.4	4.7	ND	U	0.042	0.99	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Benzo(k)fluoranthene	ND	U	0.47	4.7	ND	U	0.042	0.2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Benzoic acid	ND	U	0.37	23	ND	U	4.3	20	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Benzyl alcohol	ND	U	0.7	4.7	ND	U	1.2	20	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Butylbenzylphthalate	ND	U	0.77	4.7	ND	U	0.29	2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Carbazole	ND	U	0.64	4.7	ND	U	1.2	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Chrysene	ND	U	0.94	4.7	ND	U	0.038	0.5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.7	ND	U	1.2	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Di-n-octylphthalate	ND	U	0.31	4.7	ND	U	1.1	9.9	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.7	ND	U	0.04	0.3	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Dibenzofuran	ND	U	0.61	4.7	ND	U	0.26	2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Diethylphthalate	ND	U	0.95	4.7	ND	U	0.32	2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Dimethylphthalate	ND	U	0.69	4.7	ND	U	0.32	2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Fluoranthene	ND	U	0.65	4.7	ND	U	0.043	0.99	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Fluorene	ND	U	0.51	4.7	ND	U	0.035	0.99	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Hexachlorobenzene	ND	U	0.44	4.7	ND	U	0.058	0.5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Hexachlorobutadiene	ND	U	0.87	4.7	ND	U	1.2	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Hexachlorocyclopentadiene	ND	U	0.83	4.7	ND	U	3.6	20	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Hexachloroethane	ND	U	0.43	4.7	ND	U	1.1	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.7	ND	U	0.039	0.2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Isophorone	ND	U	0.51	4.7	ND	U	0.23	2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.84	4.7	ND	U	0.34	0.5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	N-Nitrosodimethylamine	ND	U	0.84	4.7	NA				µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	N-Nitrosodiphenylamine	ND	U	0.43	4.7	ND	U	0.26	0.99	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Naphthalene	ND	U	0.42	4.7	ND	U	0.035	0.99	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Nitrobenzene	ND	U	0.58	4.7	ND	U	0.26	0.99	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Pentachlorophenol	ND	U	0.93	23	ND	U	1.5	9.9	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Phenanthrene	ND	U	0.72	4.7	ND	U	0.037	0.99	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Phenol	ND	U	0.43	4.7	ND	U	0.69	5	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	Pyrene	ND	U	0.61	4.7	ND	U	0.043	0.99	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.7	ND	U	0.34	2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.7	ND	U	0.27	2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.7	ND	U	0.23	2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.7	ND	U	1.2	9.9	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8330	1,3,5-Trinitrobenzene	ND	U	0.08	0.4	ND	U	0.049	0.2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8330	1,3-Dinitrobenzene	ND	U	0.08	0.4	ND	U	0.041	0.2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8330	2,4,6-Trinitrotoluene	ND	U	0.08	0.4	ND	U	0.045	0.2	µg/L	NC	NC	OK

Plum Brook Acid Area 1 Surface Water
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8330	2,4-Dinitrotoluene	ND	U	0.1	0.4	ND	U	0.04	0.39	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8330	2,6-Dinitrotoluene	ND	U	0.1	0.4	ND	U	0.089	0.39	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.12	0.4	ND	U	0.044	0.39	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8330	2-Nitrotoluene	ND	U	0.08	0.4	ND	U	0.1	0.39	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8330	3-Nitrotoluene	ND	U	0.12	0.4	ND	U	0.17	0.39	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.08	0.4	ND	U	0.093	0.39	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8330	4-Nitrotoluene	ND	U	0.08	0.4	ND	U	0.1	0.39	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8330	HMX	ND	U	0.08	0.4	ND	U	0.15	0.39	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8330	Nitrobenzene	ND	U	0.088	0.4	ND	U	0.04	0.2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8330	RDX	ND	U	0.08	0.4	ND	U	0.096	0.2	µg/L	NC	NC	OK
AA1-SW07	5/22/2007	13:45	PBOW-07-SW-AA1-SW07-A	PBOW-07-SW-AAI-SW07-B	SW8330	Tetryl	ND	U	0.08	0.4	ND	U	0.081	0.49	µg/L	NC	NC	OK

Data Source: Jacobs, 11 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

% Diff = percent difference
DL = detection limit
J = estimated value
M = major disagreement
NA = not analyzed
NC = not calculated
ND = nondetect
OK = no disagreement
RL = reporting limit
RPD = relative percent difference
U = nondetect
UJ = estimated nondetect
µg/L = micrograms per liter

GROUNDWATER DATA

Plum Brook Acid Area 1 Groundwater
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Aluminum	ND	U	75	200	nd	U	86	1150	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Antimony	ND	U	5	15	nd	U	4.5	20	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Arsenic	ND	U	3	10	nd	U	2.7	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Barium	2780		5	40	2600		3.6	10	µg/L	6.69	6.47	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Beryllium	ND	U	1	5	nd	U	0.56	4	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Cadmium	ND	U	1	5	nd	U	0.71	2	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Calcium	361000		1000	4000	350000	J	22	100	µg/L	3.09	3.05	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Chromium	2	J	2	10	3	J	1.7	10	µg/L	40.00	50.00	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Cobalt	ND	U	3	12.5	0.99	J	0.95	5	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Copper	ND	UJ	4	25	nd	U	1.7	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Iron	44.2	J	30	100	51	J	48	100	µg/L	14.29	15.38	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Lead	ND	U	1.5	3	nd	U	2.2	5	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Magnesium	346000		500	2000	340000		43	100	µg/L	1.75	1.73	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Manganese	997		3	15	970		1.9	10	µg/L	2.75	2.71	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Nickel	ND	U	3	10	nd	U	1.9	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Potassium	83500		500	2000	57000		9300	50000	µg/L	37.72	31.74	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Selenium	ND	U	3	5	nd	U	4.7	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Silver	ND	U	1	10	nd	U	1	5	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Sodium	1170000		5000	20000	1100000		33000	100000	µg/L	6.17	5.98	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Thallium	4.3	J	3	10	nd	U	7	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Vanadium	8.5	J	3	12.5	9.1		1.3	5	µg/L	6.82	7.06	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Zinc	ND	U	5	20	nd	U	3.8	20	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Aluminum (total)	103	J	75	200	nd	U	170	1150	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Antimony (total)	ND	U	5	15	nd	U	4.5	20	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Arsenic (total)	ND	U	3	10	nd	U	2.7	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Barium (total)	2910		5	40	2300		3.6	10	µg/L	23.42	20.96	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Beryllium (total)	ND	U	1	5	nd	U	0.56	4	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Cadmium (total)	ND	U	1	5	nd	U	0.71	2	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Calcium (total)	362000		1000	4000	340000	J	22	100	µg/L	6.27	6.08	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Chromium (total)	2.6	J	2	10	3.2	J	1.7	10	µg/L	20.69	23.08	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Cobalt (total)	ND	U	3	12.5	0.97	J	0.95	5	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Copper (total)	ND	UJ	4	25	nd	U	1.7	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Iron (total)	398	J	30	100	1300		48	100	µg/L	106.24	226.63	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Lead (total)	ND	U	1.5	3	2.6	J	2.2	5	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Magnesium (total)	346000		500	2000	320000		43	100	µg/L	7.81	7.51	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Manganese (total)	1140		3	15	770		1.9	10	µg/L	38.74	32.46	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Nickel (total)	ND	U	3	10	nd	U	1.9	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Potassium (total)	86100		500	2000	97000		93	500	µg/L	11.91	12.66	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Selenium (total)	ND	U	3	5	nd	U	4.7	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Silver (total)	ND	U	1	10	nd	U	1	5	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Sodium (total)	1260000		5000	20000	1100000		33000	100000	µg/L	13.56	12.70	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Thallium (total)	3.5	J	3	10	nd	U	7	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Vanadium (total)	10.8	J	3	12.5	7.8		1.3	5	µg/L	32.26	27.78	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW6010B	Zinc (total)	ND	U	5	20	7.9	J	3.8	20	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW7470A	Mercury	ND	U	0.08	0.2	ND	U	0.094	0.2	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW7470A	Mercury (total)	ND	U	0.08	0.2	ND	U	0.094	0.2	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8082	PCB-1016 (Aroclor 1016)	ND	U	6.2	25	ND	U	1.8	9.3	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8082	PCB-1221 (Aroclor 1221)	ND	U	6.2	25	ND	U	2.3	9.3	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8082	PCB-1232 (Aroclor 1232)	ND	U	6.2	25	ND	U	3.8	9.3	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8082	PCB-1242 (Aroclor 1242)	ND	U	6.2	25	ND	U	2.9	9.3	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8082	PCB-1248 (Aroclor 1248)	ND	U	0.62	2.5	ND	U	4.4	9.3	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8082	PCB-1254 (Aroclor 1254)	ND	U	0.62	2.5	ND	U	1.2	9.3	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8082	PCB-1260 (Aroclor 1260)	ND	U	0.62	2.5	3.3	J	1.4	9.3	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	1,1,1-Trichloroethane	ND	U	0.6	5	ND	U	1.7	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.65	5	ND	U	3.4	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.55	10	NA				µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	1,1,2-Trichloroethane	ND	U	0.5	5	ND	U	2.4	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	1,1-Dichloroethane	ND	U	0.55	5	ND	U	1.5	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	1,1-Dichloroethene	ND	U	0.65	5	ND	U	2.5	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	1,2,3-Trichlorobenzene	ND	U	2.8	5	ND	U	4.3	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	1,2,4-Trichlorobenzene	ND	U	2.8	5	ND	U	3.6	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.45	10	ND	U	4.1	20	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.7	5	ND	U	3.3	10	µg/L	NC	NC	OK

Plum Brook Acid Area 1 Groundwater
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	1,2-Dichlorobenzene	ND	U	0.55	5	ND	U	2.9	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	1,2-Dichloroethane	ND	U	0.65	5	ND	U	2.5	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	1,2-Dichloropropane	ND	U	0.55	5	ND	U	1.9	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	1,3-Dichlorobenzene	ND	U	1.9	5	ND	U	2.1	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	1,4-Dichlorobenzene	ND	U	0.5	5	ND	U	2.5	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	7.2	50	ND	U	10	50	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	2-Hexanone	ND	U	0.9	25	ND	U	9.9	50	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.8	25	ND	U	9.2	50	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Acetone	32	J	8.4	50	ND	U	14	50	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Benzene	40		0.6	5	45		2.3	10	µg/L	11.76	12.50	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Bromochloromethane	ND	U	0.75	10	ND	U	2.7	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Bromodichloromethane	ND	U	0.6	5	ND	U	2.2	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Bromoform	ND	U	0.65	5	ND	U	3.2	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Bromomethane	ND	U	0.65	10	ND	U	5.9	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Carbon Disulfide	ND	U	0.75	5	ND	U	1.5	50	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Carbon tetrachloride	ND	U	0.55	5	ND	U	3.4	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Chlorobenzene	ND	U	0.5	5	ND	U	1.5	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Chloroethane	ND	U	0.7	10	ND	U	3.2	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Chloroform	ND	U	0.65	5	ND	U	1.4	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Chloromethane	ND	U	1.4	10	ND	U	2	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Cyclohexane	500		0.6	5	NA				µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Dibromochloromethane	ND	U	0.7	5	ND	U	2.2	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Dichlorodifluoromethane	ND	U	1.2	10	ND	U	1.2	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Ethylbenzene	60		1.8	5	56		2.1	10	µg/L	6.90	6.67	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Isopropylbenzene (Cumene)	22		0.55	5	18		2	10	µg/L	20.00	18.18	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Methyl Acetate	ND	U	1.8	10	NA				µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Methylcyclohexane	420		0.6	5	NA				µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Methylene Chloride	ND	U	1.2	10	ND	U	2.4	20	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Styrene	ND	U	0.45	5	ND	U	1.8	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.5	5	ND	U	2.1	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Tetrachloroethene (PCE)	ND	U	0.5	5	ND	U	1.8	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Toluene	60		0.8	5	64		1.8	10	µg/L	6.45	6.67	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Trichloroethene (TCE)	ND	U	1.2	5	ND	U	1.3	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Trichlorofluoromethane	ND	U	0.6	10	ND	U	1.4	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Vinyl chloride	ND	U	1	10	ND	U	1.6	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	Xylenes, Total	630		2.4	5	610		3.6	20	µg/L	3.23	3.17	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	cis-1,2-Dichloroethene	ND	U	0.7	5	ND	U	2	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	cis-1,3-Dichloropropene	ND	U	0.4	5	ND	U	1.5	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	trans-1,2-Dichloroethene	ND	U	0.75	5	ND	U	2.9	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8260B	trans-1,3-Dichloropropene	ND	U	0.6	5	ND	U	1.6	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	1,2,4-Trichlorobenzene	ND	U	10	140	ND	U	5.6	40	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	1,2-Dichlorobenzene	ND	U	20	140	ND	U	4.6	40	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	1,2-Diphenylhydrazine	ND	U	20	140	NA				µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	1,3-Dichlorobenzene	ND	U	11	140	ND	U	4.4	40	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	1,4-Dichlorobenzene	ND	U	15	140	ND	U	5.2	40	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	2,4,5-Trichlorophenol	ND	U	14	140	ND	U	28	200	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	2,4,6-Trichlorophenol	ND	U	21	140	ND	U	28	100	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	2,4-Dichlorophenol	ND	U	12	140	ND	U	32	200	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	2,4-Dimethylphenol	ND	U	20	140	ND	U	32	200	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	2,4-Dinitrophenol	ND	U	24	710	ND	U	170	400	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	2,4-Dinitrotoluene	ND	U	14	140	ND	U	5.8	20	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	2,6-Dinitrotoluene	ND	U	19	140	ND	U	3.8	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	2-Chloronaphthalene	ND	U	16	140	ND	U	5.2	40	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	2-Chlorophenol	ND	U	17	140	ND	U	30	100	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	2-Methylnaphthalene	390	J	19	140	180		0.58	10	µg/L	73.68	53.85	D
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	2-Methylphenol (o-Cresol)	ND	U	23	140	ND	U	5.4	40	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	2-Nitroaniline	ND	U	34	710	ND	U	24	100	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	2-Nitrophenol	ND	U	21	140	ND	U	32	200	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	3,3'-Dichlorobenzidine	ND	UJ	25	280	ND	U	22	100	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	3-Methylphenol	ND	U	22	140	NA				µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	3-Nitroaniline	ND	U	30	710	ND	U	32	200	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	21	710	ND	U	38	400	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	4-Bromophenyl phenyl ether	ND	U	16	140	ND	U	20	100	µg/L	NC	NC	OK

Plum Brook Acid Area 1 Groundwater
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	4-Chloro-3-methylphenol	ND	U	16	140	ND	U	28	200	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	4-Chloroaniline	ND	U	27	140	ND	U	28	200	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	4-Chlorophenyl phenyl ether	ND	U	25	140	ND	U	22	100	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	4-Methylphenol (p-Cresol)	ND	U	22	140	ND	U	3.8	40	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	4-Nitroaniline	ND	U	58	710	ND	U	24	200	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	4-Nitrophenol	ND	U	23	710	ND	U	66	400	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Acenaphthene	ND	U	18	140	ND	U	0.64	20	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Acenaphthylene	ND	U	13	140	ND	U	0.76	20	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Anthracene	ND	U	22	140	ND	U	0.78	20	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Benzo(a)anthracene	ND	UJ	26	140	ND	U	0.82	4	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Benzo(a)pyrene	ND	U	17	140	ND	U	0.76	4	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Benzo(b)fluoranthene	ND	U	20	140	ND	U	0.92	4	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Benzo(g,h,i)perylene	ND	U	41	140	3.9	J	0.84	20	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Benzo(k)fluoranthene	ND	U	14	140	ND	U	0.84	4	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Benzoic acid	ND	U	11	710	ND	U	86	400	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Benzyl alcohol	ND	U	21	140	ND	U	24	400	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Butylbenzylphthalate	ND	UJ	23	140	ND	U	5.8	40	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Carbazole	ND	U	20	140	ND	U	24	100	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Chrysene	ND	UJ	28	140	ND	U	0.76	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Di-n-butylphthalate	ND	U	37	140	ND	U	24	100	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Di-n-octylphthalate	ND	U	9.3	140	ND	U	22	200	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Dibenz(a,h)anthracene	ND	U	48	140	3.9	J	0.8	6	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Dibenzofuran	ND	U	18	140	ND	U	5.2	40	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Diethylphthalate	ND	U	29	140	ND	U	6.4	40	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Dimethylphthalate	ND	U	21	140	ND	U	6.4	40	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Fluoranthene	ND	U	20	140	ND	U	0.86	20	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Fluorene	ND	U	16	140	12	J	0.7	20	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Hexachlorobenzene	ND	U	13	140	ND	U	1.2	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Hexachlorobutadiene	ND	U	26	140	ND	U	24	100	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Hexachlorocyclopentadiene	ND	U	25	140	ND	U	72	400	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Hexachloroethane	ND	U	13	140	ND	U	22	100	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	40	140	3.6	J	0.78	4	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Isophorone	ND	U	16	140	ND	U	4.6	40	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	N-Nitroso-di-n-propylamine	ND	U	25	140	ND	U	6.8	10	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	N-Nitrosodimethylamine	ND	U	25	140	NA				µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	N-Nitrosodiphenylamine	ND	U	13	140	ND	U	5.2	20	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Naphthalene	120	J	13	140	80		0.7	20	µg/L	40.00	33.33	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Nitrobenzene	ND	U	18	140	ND	U	5.2	20	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Pentachlorophenol	ND	U	28	710	ND	U	30	400	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Phenanthrene	61	J	22	140	30		0.74	20	µg/L	68.13	50.82	D
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Phenol	ND	U	13	140	ND	U	14	100	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	Pyrene	ND	UJ	18	140	ND	U	0.86	20	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	bis(2-Chloroethoxy)methane	ND	U	15	140	ND	U	6.8	40	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	13	140	ND	U	5.4	40	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	24	140	NA				µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8270C	bis(2-Ethylhexyl)phthalate	ND	UJ	36	140	ND	U	24	200	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8330	1,3,5-Trinitrobenzene	3.9	J	0.075	0.38	ND	U	0.027	0.16	µg/L	NC	NC	M
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8330	1,3-Dinitrobenzene	0.18	J	0.075	0.38	0.25		0.017	0.16	µg/L	32.56	38.89	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8330	2,4,6-Trinitrotoluene	2.8	J	0.075	0.38	ND	U	0.029	0.16	µg/L	NC	NC	M
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8330	2,4-Dinitrotoluene	ND	UJ	0.098	0.38	ND	U	0.047	0.31	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8330	2,6-Dinitrotoluene	1.7	J	0.098	0.38	ND	U	0.066	0.31	µg/L	NC	NC	M
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8330	2-Amino-4,6-Dinitrotoluene	0.96	J	0.11	0.38	ND	U	0.046	0.31	µg/L	NC	NC	M
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8330	2-Nitrotoluene	0.087	J	0.075	0.38	ND	U	0.083	0.31	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8330	3-Nitrotoluene	ND	UJ	0.11	0.38	ND	U	0.071	0.31	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8330	4-Amino-2,6-Dinitrotoluene	ND	UJ	0.075	0.38	ND	U	0.065	0.31	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8330	4-Nitrotoluene	ND	UJ	0.075	0.38	6.7		0.065	0.31	µg/L	NC	NC	M
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8330	HMX	0.25	J	0.075	0.38	ND	U	0.029	0.31	µg/L	NC	NC	D
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8330	Nitrobenzene	0.18	J	0.083	0.38	ND	U	0.025	0.16	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8330	RDX	2.9	J	0.075	0.38	ND	U	0.041	0.16	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW8330	Tetryl	ND	UJ	0.075	0.38	ND	U	0.061	0.39	µg/L	NC	NC	OK
AA1-BED-GW001	11/9/2007	9:30	PBOW-07-GW-AA1-BED-GW001-A	PBOW-07-GW-AA1-AA1BEDGW00	SW9012A	Cyanide	1100	J	12	20	ND	U	10	50	µg/L	NC	NC	M
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Aluminum (total)	ND	U	75	200	ND	U	16	200	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Antimony (total)	ND	U	5	15	ND	U	4.2	20	µg/L	NC	NC	OK

Plum Brook Acid Area 1 Groundwater
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Arsenic (total)	ND	U	3	10	ND	U	2.8	10	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Barium (total)	35.6	J	5	40	35		0.27	10	µg/L	1.70	1.69	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Beryllium (total)	ND	U	1	5	ND	U	0.13	4	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Cadmium (total)	ND	U	1	5	ND	U	0.46	2	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Calcium (total)	110000		500	2000	110000		29	100	µg/L	0.00	0.00	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Chromium (total)	ND	U	2	10	ND	U	1.6	10	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Cobalt (total)	ND	U	3	12.5	ND	U	1.1	5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Copper (total)	ND	U	4	25	ND	U	0.84	10	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Iron (total)	ND	U	30	100	ND	U	20	100	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Lead (total)	ND	U	1.5	3	ND	U	1.8	5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Magnesium (total)	21900		500	2000	22000		27	100	µg/L	0.46	0.46	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Manganese (total)	ND	U	3	15	ND	U	1.7	10	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Nickel (total)	ND	U	3	10	ND	U	2.4	10	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Potassium (total)	ND	U	500	2000	510		71	500	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Selenium (total)	ND	U	3	5	ND	U	4.2	10	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Silver (total)	ND	U	1	10	ND	U	1.2	5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Sodium (total)	5580		500	2000	6200		410	1000	µg/L	10.53	11.11	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Thallium (total)	ND	U	3	10	ND	U	4.5	10	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Vanadium (total)	ND	U	3	12.5	ND	U	1.2	5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW6010B	Zinc (total)	ND	U	5	20	ND	U	2.5	20	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW7470A	Mercury (total)	ND	U	0.08	0.2	ND	U	0.065	0.2	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8082	PCB-1016 (Aroclor 1016)	ND	UJ	0.12	0.47	ND	U	0.091	0.47	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8082	PCB-1221 (Aroclor 1221)	ND	UJ	0.12	0.47	ND	U	0.11	0.47	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8082	PCB-1232 (Aroclor 1232)	ND	UJ	0.12	0.47	ND	U	0.19	0.47	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8082	PCB-1242 (Aroclor 1242)	ND	UJ	0.12	0.47	ND	U	0.15	0.47	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8082	PCB-1248 (Aroclor 1248)	ND	UJ	0.12	0.47	ND	U	0.22	0.47	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8082	PCB-1254 (Aroclor 1254)	ND	UJ	0.12	0.47	ND	U	0.059	0.47	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8082	PCB-1260 (Aroclor 1260)	ND	UJ	0.12	0.47	ND	U	0.071	0.47	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	1,1,1-Trichloroethane	53		0.15	1	34		0.23	1	µg/L	43.68	35.85	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	1,1,2,2-Tetrachloroethane	ND	U	0.07	1	ND	U	0.25	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	0.22	2	NA				µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	1,1,2-Trichloroethane	ND	U	0.17	1	ND	U	0.32	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	1,1-Dichloroethane	8		0.15	1	6.5		0.18	1	µg/L	20.69	18.75	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	1,1-Dichloroethene	0.59	J	0.42	1	ND	U	0.22	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	1,2,3-Trichlorobenzene	ND	U	0.16	1	ND	U	0.2	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	1,2,4-Trichlorobenzene	ND	U	0.14	1	ND	U	0.2	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	1,2-Dibromo-3-chloropropane	ND	U	0.28	2	ND	UJ	0.85	2	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	1,2-Dibromoethane (EDB)	ND	U	0.07	1	ND	U	0.24	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	1,2-Dichlorobenzene	ND	U	0.17	1	ND	U	0.15	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	1,2-Dichloroethane	ND	U	0.15	1	ND	U	0.22	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	1,2-Dichloropropane	ND	U	0.18	1	ND	U	0.23	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	1,3-Dichlorobenzene	ND	U	0.21	1	ND	U	0.19	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	1,4-Dichlorobenzene	ND	U	0.12	1	ND	U	0.15	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	2-Butanone (Methyl ethyl ketone)	ND	U	1.2	10	ND	U	0.83	5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	2-Hexanone	ND	U	0.83	5	ND	U	0.77	5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND	U	1.4	5	ND	U	0.58	5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Acetone	3.5	J	1.1	10	ND	U	1.2	5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Benzene	ND	U	0.11	1	ND	U	0.16	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Bromochloromethane	ND	U	0.31	2	ND	U	0.33	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Bromodichloromethane	ND	U	0.086	1	ND	U	0.18	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Bromoform	ND	U	0.24	1	ND	UJ	0.3	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Bromomethane	ND	UJ	0.33	2	ND	U	0.44	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Carbon Disulfide	ND	U	0.13	1	ND	U	0.39	5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Carbon tetrachloride	ND	U	0.14	1	ND	U	0.21	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Chlorobenzene	ND	U	0.28	1	ND	U	0.17	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Chloroethane	ND	U	0.38	2	ND	U	0.45	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Chloroform	ND	U	0.1	1	ND	U	0.13	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Chloromethane	ND	U	0.4	2	ND	U	0.33	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Cyclohexane	ND	U	0.18	1	NA				µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Dibromochloromethane	ND	U	0.08	1	ND	U	0.19	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Dichlorodifluoromethane	ND	U	0.24	2	ND	U	0.29	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Ethylbenzene	ND	U	0.14	1	ND	U	0.17	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Isopropylbenzene (Cumene)	ND	U	0.034	1	ND	U	0.14	1	µg/L	NC	NC	OK

Plum Brook Acid Area 1 Groundwater
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Result	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Methyl Acetate	ND	U	0.87	2	NA				µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Methylcyclohexane	ND	U	0.2	1	NA				µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Methylene Chloride	ND	U	0.35	5.5	ND	U	0.99	2	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Styrene	ND	U	0.22	1	ND	U	0.15	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Tert-Butyl Methyl Ether (MTBE)	ND	U	0.17	1	ND	U	0.16	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Tetrachloroethene (PCE)	ND	U	0.14	1	ND	U	0.14	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Toluene	ND	U	0.18	1	ND	U	0.16	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Trichloroethene (TCE)	ND	U	0.28	1	ND	U	0.2	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Trichlorofluoromethane	ND	U	0.15	2	ND	U	0.32	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Vinyl chloride	ND	U	0.19	2	ND	U	0.23	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	Xylenes, Total	ND	U	0.21	1	ND	U	0.23	2	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	cis-1,2-Dichloroethene	ND	U	0.44	1	ND	U	0.21	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	cis-1,3-Dichloropropene	ND	U	0.13	1	ND	U	0.16	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	trans-1,2-Dichloroethene	ND	U	0.4	1	ND	U	0.17	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8260B	trans-1,3-Dichloropropene	ND	U	0.22	1	ND	U	0.13	1	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	1,2-Diphenylhydrazine	ND	U	0.64	4.7	NA				µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	2,4,5-Trichlorophenol	ND	U	0.47	4.7	ND	U	2.5	9.5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	2,4,6-Trichlorophenol	ND	U	0.68	4.7	ND	U	0.64	4.8	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	2,4-Dichlorophenol	ND	U	0.41	4.7	ND	U	3	9.5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	2,4-Dimethylphenol	ND	U	0.66	4.7	ND	U	1	9.5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	2,4-Dinitrophenol	ND	U	0.79	23	ND	U	3	19	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	2-Chloronaphthalene	ND	U	0.54	4.7	ND	U	0.16	1.9	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	2-Chlorophenol	ND	U	0.55	4.7	ND	U	0.2	4.8	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	2-Methylnaphthalene	ND	U	0.64	4.7	ND	U	0.15	0.48	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	2-Methylphenol (o-Cresol)	ND	U	0.78	4.7	ND	U	0.41	1.9	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	2-Nitroaniline	ND	U	1.1	23	ND	U	0.52	4.8	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	2-Nitrophenol	ND	U	0.69	4.7	ND	U	0.61	9.5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	3,3'-Dichlorobenzidine	ND	U	0.83	9.3	ND	U	0.24	4.8	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	3-Methylphenol	ND	U	0.72	4.7	NA				µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	3-Nitroaniline	ND	U	0.98	23	ND	U	0.95	9.5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	4,6-Dinitro-2-methylphenol	ND	U	0.69	23	ND	U	1.7	19	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	4-Bromophenyl phenyl ether	ND	U	0.53	4.7	ND	U	0.15	4.8	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	4-Chloro-3-methylphenol	ND	U	0.54	4.7	ND	U	2.3	9.5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	4-Chloroaniline	ND	U	0.89	4.7	ND	U	0.74	9.5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	4-Chlorophenyl phenyl ether	ND	U	0.83	4.7	ND	U	0.23	4.8	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	4-Methylphenol (p-Cresol)	ND	U	0.72	4.7	ND	U	0.18	1.9	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	4-Nitroaniline	ND	U	1.9	23	ND	U	2.2	9.5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	4-Nitrophenol	ND	U	0.78	23	ND	U	2.3	19	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Acenaphthene	ND	U	0.59	4.7	ND	U	0.055	0.95	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Acenaphthylene	ND	U	0.44	4.7	ND	U	0.055	0.95	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Anthracene	ND	U	0.72	4.7	ND	U	0.065	0.95	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Benzo(a)anthracene	ND	U	0.85	4.7	ND	U	0.063	0.19	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Benzo(a)pyrene	ND	U	0.56	4.7	ND	U	0.042	0.19	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Benzo(b)fluoranthene	ND	U	0.66	4.7	ND	U	0.04	0.19	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Benzo(g,h,i)perylene	ND	U	1.4	4.7	ND	U	0.1	0.95	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Benzo(k)fluoranthene	ND	U	0.47	4.7	ND	U	0.075	0.19	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Benzoic acid	ND	U	0.37	23	-	R	-	-	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Benzyl alcohol	ND	U	0.7	4.7	ND	U	2.5	19	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Butylbenzylphthalate	ND	U	0.77	4.7	ND	U	0.19	1.9	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Carbazole	ND	U	0.64	4.7	ND	UJ	0.78	4.8	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Chrysene	ND	U	0.94	4.7	ND	U	0.065	0.48	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Di-n-butylphthalate	ND	U	1.2	4.7	ND	U	0.61	4.8	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Di-n-octylphthalate	ND	U	0.31	4.7	ND	U	1.6	9.5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Dibenz(a,h)anthracene	ND	U	1.6	4.7	ND	U	0.054	0.29	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Dibenzofuran	ND	U	0.61	4.7	ND	U	0.23	1.9	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Diethylphthalate	ND	U	0.95	4.7	ND	U	0.19	1.9	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Dimethylphthalate	ND	U	0.69	4.7	ND	U	0.12	1.9	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Fluoranthene	ND	U	0.65	4.7	ND	U	0.065	0.95	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Fluorene	ND	U	0.51	4.7	ND	U	0.054	0.95	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Hexachlorobenzene	ND	U	0.44	4.7	ND	U	0.063	0.48	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Hexachlorobutadiene	ND	U	0.87	4.7	ND	U	0.24	4.8	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Hexachlorocyclopentadiene	ND	U	0.83	4.7	ND	U	4.2	19	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Hexachloroethane	ND	U	0.43	4.7	ND	U	0.24	4.8	µg/L	NC	NC	OK

Plum Brook Acid Area 1 Groundwater
QA Result Comparison

							Primary Laboratory Results				QA Laboratory Results							
Location	Date Sampled	Time Sampled	Primary Sample ID	QA Sample ID	Analysis	Analyte	Results	Qualifier	DL	RL	Result	Qualifier	DL	RL	Units	RPD	% Diff	Comparison
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Indeno(1,2,3-cd)pyrene	ND	U	1.3	4.7	ND	U	0.069	0.19	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Isophorone	ND	U	0.51	4.7	ND	U	0.55	1.9	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	N-Nitroso-di-n-propylamine	ND	U	0.84	4.7	ND	U	0.14	0.48	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	N-Nitrosodimethylamine	ND	UJ	0.84	4.7	NA				µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	N-Nitrosodiphenylamine	ND	U	0.43	4.7	ND	U	0.19	0.95	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Naphthalene	ND	U	0.42	4.7	ND	U	0.095	0.95	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Pentachlorophenol	ND	U	0.93	23	ND	U	2	19	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Phenanthrene	ND	U	0.72	4.7	ND	U	0.068	0.95	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Phenol	ND	U	0.43	4.7	ND	U	1.2	4.8	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	Pyrene	ND	U	0.61	4.7	ND	U	0.068	0.95	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	bis(2-Chloroethoxy)methane	ND	U	0.48	4.7	ND	U	0.13	1.9	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	bis(2-Chloroethyl)ether (2-Chloroethylether)	ND	U	0.42	4.7	ND	U	0.23	1.9	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	bis(2-Chloroisopropyl)ether	ND	U	0.79	4.7	ND	U	0.19	1.9	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	bis(2-Ethylhexyl)phthalate	ND	U	1.2	4.7	ND	U	1.8	9.5	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	1,2,4-Trichlorobenzene	ND	U	0.34	4.7	ND	U	0.23	1.9	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	1,2-Dichlorobenzene	ND	U	0.67	4.7	ND	U	0.19	1.9	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	1,3-Dichlorobenzene	ND	U	0.36	4.7	ND	U	0.2	1.9	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8270C	1,4-Dichlorobenzene	ND	U	0.5	4.7	ND	U	0.19	1.9	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8330	1,3,5-Trinitrobenzene	ND	U	0.12	0.37	ND	U	0.036	0.21	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8330	1,3-Dinitrobenzene	ND	U	0.089	0.37	ND	U	0.022	0.21	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8330	2,4,6-Trinitrotoluene	ND	U	0.12	0.37	ND	U	0.038	0.21	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8330	2,4-Dinitrotoluene	ND	U	0.12	0.37	ND	U	0.062	0.41	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8330	2,6-Dinitrotoluene	ND	U	0.12	0.37	ND	U	0.087	0.41	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8330	2-Amino-4,6-Dinitrotoluene	ND	U	0.12	0.37	ND	U	0.061	0.41	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8330	2-Nitrotoluene	ND	U	0.12	0.37	ND	U	0.11	0.41	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8330	3-Nitrotoluene	ND	U	0.12	0.37	ND	U	0.093	0.41	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8330	4-Amino-2,6-Dinitrotoluene	ND	U	0.12	0.37	ND	U	0.086	0.41	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8330	4-Nitrotoluene	ND	U	0.12	0.37	ND	U	0.086	0.41	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8330	HMX	ND	U	0.12	0.37	ND	U	0.038	0.41	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8330	Nitrobenzene	ND	U	0.081	0.37	ND	U	0.033	0.21	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8330	RDX	ND	U	0.12	0.37	ND	U	0.054	0.21	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW8330	Tetryl	ND	U	0.12	0.37	ND	U	0.08	0.51	µg/L	NC	NC	OK
AA1-MKMW19	5/5/2008	12:45	PBOW-08-GW-AA1-MKMW19-A	PBOW-08-GW-AA1-MKMW19-B	SW9012A	Cyanide	ND	U	5	10	ND	U	2	10	µg/L	NC	NC	OK

Data Source: Jacobs, 11 July 2008, Plum Brook Site Environmental Evaluation (SEE) Database

D = disagreement
% Diff = percent difference
DL = detection limit
J = estimated value
M = major disagreement
NA = not analyzed
NC = not calculated
ND = nondetect
OK = no disagreement
R = rejected data point
RL = reporting limit
RPD = relative percent difference
U = nondetect
UJ = estimated nondetect
µg/L = micrograms per liter

Appendix L

Response to comments on the Draft Site Characterization Report

SUBJECT: ***Site Characterization Report, Remedial Investigation, Part 1, at Acid Area 1, Former Plum Brook Ordnance Works, Sandusky, Ohio***

Reviewer: Jim Beaujon, USACE Nashville, Geology

1. Page viii, end of 4th paragraph: Change "were performed November 2007 and May 2008" to "were performed, one in November 2007 and the other in May 2008".

Response: The change has been made as requested.

2. Page 1-2, paragraph in middle of page, begins with "At the": In the fourth line should it read "sulfuric acid and sulfur trioxide"? If so 'acid" is missing.

Response: The text was corrected

3. End of page 1-4 and beginning of page 1-5: Change "existing wells in November 2007 and May 2008" to "existing wells, one in November 2007 and the other in May 2008".

Response: The change has been made as requested

4. Page 3-3, Section 3.4.1, 1st paragraph, last line: Change "Appendices D" to "Appendix D".

Response: The text has been corrected.

5. Page 3-5, Section 3.4.5, 1st paragraph, 4th line: Change "installed in between" to "installed between".

Response: The text was revised.

6. Page 3-7, Section 3.4.6, 3rd line: Change "Appendix D" to "Appendix C".

Response: The reference has been corrected.

7. Page 7-1, paragraph 7.0, 3rd and 4th sentences: Combine both to read-"Sufficient data have also been collected to evaluate impacts to the surface water, sediment in the drainage ditches, and the groundwater at AA1."

Response: The text has been condensed as requested.

8. Page 7-3, Section 7.4: The first sentence is missing a verb. Maybe you intended it to read "Acid Area 1 is based"? Also, in the 2nd line from the end of the page should it be "have been evaluated"?

Response: The text has been corrected

9. In figure 5-3, the two data boxes that lack the yellow highlighting also need to be brought forward so they overlay the line to the sample location, or the line needs to be trimmed so it doesn't enter the box.

Response: The figure has been adjusted.

Reviewer Name: Walker, Terry L., CX

Discipline Risk Assessor

Comment # 1: Section 7.5, page 7-5. Suggest that data gaps be identified and plans made to complete the site characterization so that a baseline risk assessment (both human health and ecological) can be completed, resulting in a Remedial Investigation (RI). The NCP requires two things from an RI: nature and extent and a baseline risk assessment. I am confused by the recommendation to assess risks based on current data and use the results for assessing whether or not further characterization is required (it is required).

Response: Similar contaminants were found at Acid Areas 2 and 3. The human health and ecological risk assessments were performed for these sites before conducting further delineation sampling. Based on the risk assessments, only PCBs warranted further delineation. The subsequent delineation sampling at AA2 and 3 in late 2008 and early 2009 was performed for PCBs only rather than the longer list of contaminants.

Comment # 2: General. As R9 is no longer publishing their PRG table, suggest using the Regional Screening Levels instead. They are available at: http://www.epa.gov/reg3hwmd/risk/human/index.htm.

Response: Comment noted for future investigations. The Region 9 PRGs have been used based on the DQOs provided in the approved Work Plan.

Reviewer Name: Bass, Sam, CX

Discipline Geology

Comment # 1: General Comment. Per EPA guidance (EPA 540/G-89/004, Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA) the report should include a section on contaminant fate and transport. Please include a discussion of fate and transport for all site-related contaminants in the revised document.

Response: The fate and transport section is provided within Section 7.4 and in Figures 7.2 and 7.3. These referenced materials address release mechanisms, exposure media, exposure route and end receptors.

Comment # 2: Page 2-7, Section 2.6.2. Please provide additional information on the nature of items burned by NASA in the incinerator building located between Building 301 and Building 302. Burning activities may be at least partially responsible for the contamination found at the site, particularly the PAHs.

Response: Further information could not be obtained from current NASA personnel. If PAHs prove to be a risk driver, additional requests and record reviews may be warranted.

Comment # 3: **General comment. Comments by this reviewer on the draft Sampling and Analysis Plan recommended background soil samples be collected and analyzed for PAHs and PCBs, given the fact that PAHs are naturally-occurring substances and PCBs have been used as pesticide extenders and in dust suppression activities. This recommendation does not appear to have been accepted. The ubiquitous nature of the PCBs at the site is puzzling, considering there is nothing in the site history or process discussion that would indicate widespread usage of PCB-containing material. There is also the issue of the incinerator built by NASA (see previous comment). The report should include collection of background samples for analysis of PAHs and PCBs in its recommendations, prior to performance of the baseline risk assessment. My recollection is that several sites at Plum Brook have detected PCBs, and the distribution of PCBs at these sites gives the impression of use in pesticide/herbicide mixtures rather than disposal activities.**

Response: Site wide background sampling was performed prior to this investigation and the results have been screened against these approved values as shown in the spider diagrams.

Comment # 4: **Page 4-1, Section 4.1.1. The discussion in this section should include comparison of site inorganic results to background values, including a discussion of what "background" represents (e.g., a 95% upper confidence limit on the mean, a mean value, or some other statistical representation). The single detections of vanadium and antimony appear to be well within the range of background, assuming the background value is a mean value. While there are several lead concentrations that exceed background by significant amounts, there are also several lead concentrations that most likely fall within the range of background values detected at the site (again assuming the background value is a mean concentration).**

Response: The requested comparison to background is provided in Figure 4-1

Comment # 5: **Pages 5-2 through 5-4, Sections 5.2.1 and 5.2.2. The report should include discussion about possible sources of the inorganics noted in this section. This discussion can be included here or in the suggested section on contaminant fate and transport (reference comment #1 above). Given the highly reducing conditions in ground water present in bedrock (and assumed to be present in shallow ground water as well), the manganese, iron, arsenic, and vanadium are all most likely the result of reductive dissolution from aquifer materials. Arsenic and vanadium frequently associate with iron oxyhydroxides, and dissolution of iron compounds frequently releases arsenic (and potentially vanadium if present in the aquifer solids). The green cloudy material that formed in the well purge water was most likely iron oxidized by exposure to the atmosphere.**

Response: A discussion about the possible sources of inorganics has been provided in section 5.2.2 as requested.

Comment # 6: **Page 6-1, Section 6.1. If surface water cannot be used as a drinking water source per Erie County Department of Health rules, it is unclear why surface water results were compared to drinking water standards. I defer to the risk assessor reviewer as to what the appropriate comparison criteria should be.**

Response: The drinking water standard has been used for all prior RIs at Plum Brook per team agreements.

Comment # 7: Page 7-1, Section 7.1. As noted earlier, the discussion of soil contamination should include comparison of site concentrations with background concentrations. Concerning PAHs and PCBs, the concentration of these compounds around the footprint of former buildings leads this reviewer to believe they may have been used in pesticide formulations. Diesel was frequently used as a carrier for pesticides and it is possible that PCBs were also used in the formulation.

Response: Site wide background sampling was performed prior to this investigation and the results have been screened against these approved values as shown in the spider diagrams.

Comment # 8: Page 7-2, Section 7.2. As noted earlier, the high concentrations of iron and manganese are most likely the result of reductive dissolution of these metals from site soils. The report should note this naturally-occurring phenomenon.

Response: A discussion about the possible sources of inorganics has been provided in section 7.2 as requested.

Comment # 9: Page 7-5, Section 7.5. Recommendations should include collection of background samples for PAHs and PCBs, and comparison of same to site concentrations. This has been a recurring recommendation on multiple sites at Plum Brook.

Response: Background sampling has been performed during prior investigations.

Reviewer Name: Dona, Carol Lee, CX

Discipline Process Engineering

Section 7.2 and Appendix G (field sampling logs): The text concludes that naturally occurring petroleum is present in the shallow groundwater, along with iron and manganese exceedances above the PRGs. The field log forms in Appendix G indicate numerous wells with strongly reducing conditions, which are common with petroleum, and also mobilize (solubilize) iron and manganese. Recommend including this connection in the site conceptual model and summary

Response: This information has been included in section 5.2.2. as requested.

Reviewer Name: Thomas Georgian

Discipline: Chemistry

Comment 1: Section 1.1.1: Clarify whether Talyor Road is adjacent to or intersects the study area, as Figure 1-2 suggest that Talyor Road passes though "Acid Area 1." (This is considered potentially significant as vehicular traffic is a common source of heavy metal and PAH contamination.)

Response: Taylor Rd borders the eastern side of the site. The prior background studies performed at the site acknowledge the contribution of asphalt roadways and vehicular traffic to increased PAHs at the site.

Comment 2: Section 3.5.2 ("Sediment Sampling"), page 3-8: Discuss why the center of the channel was preferentially sampled rather than randomly sampling a section of the channel.

Response: Further discussion was provided as requested.

Comment 3: Figure 5-2: It is recommended that arrows be added to the groundwater contours in this figure to show the direction of groundwater flow. (A similar comment applies to Figure 7-1).

Response: Arrows have been added as requested

Comment 4: General Comment: The document does not adequately discuss the analyte concentrations with respect to background concentrations (e.g., up gradient concentrations of metals and organic in groundwater are not quantitatively compared with down gradient concentrations). Two-sample hypothesis tests should have been done to determine if study area concentrations are elevated with respect to background concentrations for metals, PAHs, and select VOCs for soils, surface water, groundwater, and sediments.

Response: Sitewide background studies were previously conducted at the site. All analytical data was screened against these background values as shown in the spider diagrams.

Comment 5: General Comment: It is recommended that the seven-step DQO Process defined in QA/G-4 be done (e.g., to determine if study area concentrations are elevated relative to background concentrations). It is also recommended that this be done for "Part 2" RI (e.g., to determine if mean analyte concentrations for each exposure unit pose acceptably high risks). However, the sample size seems too small for statistical evaluations unless the entire study area from which samples were collected is considered to be a single exposure unit.

Response: The DQO process was conducted and documented in the approved SAP.

Comment 6: Appendix J, Section 1.2.3, page 3: The USACE "Shell" is referenced for the chemical analyses. For future analytical testing, please note that this is an obsolete document. Per the USACE Policy Memorandum of 20 September 2004 and the DoD NUMBER 4715.15, chemical analyses should comply with the DoD Quality Systems Manual. (Note that a similar comment applies to Section 3.9.2.)

Response: Comment noted.

Comment 7: Appendix J ("Chemical Data Quality Report), Section 1.2.3, page 3: For future analytical testing, it is recommended that the methods in Update IV of SW-846 be used. Also note that 8330B is the not recent version of the SW-846 method. The older methods 8330 and 8330A typically produce results of inferior quality relative to Method 8330B because sample heterogeneity is not as well controlled.

Response: Comment noted

Comment 8: Appendix J, Section 1.2.3, page 3: It is recommended that the document discuss if any SW-846 cleanup methods were done.

Response: The soil and sediment samples analyzed for PCBs underwent acid cleanup (SW846/3665A) as part of the extraction process. The clean-up method has been added to the appropriate method summary information in Section 1.2.3.

Comment 9: Appendix J, Section 1.2.4, page 4: The document should explain why the deviation (i.e., the use of sonication versus Soxhlet) was approved, as sonication generally possesses lower extraction efficiencies than Soxhlet. For example, Method 3550C states:

> ***Because of the limited contact time between the solvent and the sample, ultrasonic extraction may not be as rigorous as other extraction methods for soils/solids.***

Sonication is commonly done by environmental testing laboratory solely on the basis of sample throughout rather than data quality considerations. The statement "This modification to the preparatory method for SVOCs and PCBs will not adversely affect data comparability..." seems conjectural in nature in the absence some empirical comparison of performance between Soxhlet extraction and sonication. Remove or appropriately revise this section of the document unless performance data or a technical rationale is presented.

Response: Sonication was not used for extraction. Method SW846/3541, automated soxtherm extraction was used instead of Soxhlet extraction. Automated soxtherm extraction is as rigorous of an extraction process (if not more so due to the introduction of the sample to boiling solvent) as traditional Soxhlet extraction process.

Comment 10: Appendix J, Section 1.2.4, page 6: There is no evidence that the data were adequately evaluated for sensitivity. In particular, there is no discussion (in Appendix J or in Section 3.9.3) of the failures to meet measurement quality objectives (MQO) for a number of analytes. To meet MQOs for sensitivity the reporting limits (RLs) should be less than the project's decision limits. However, according to Tables 4-1 to 4-4 a number of analytes possess RLs that exceed project decision limits. For example, the "PRG" for soil for benzo(a)pyrene is 62 μg/kg but the RL is about 400 μg/kg.

If results are compared to the decision limit (e.g., PRG) on a sample-by-sample basis (essentially the approach used to summarize contamination in the Executive Summary), then detects less than the RL and non-detects will not be usable for demonstrating the compound is

either above or below the decision limit. However, none of the data were qualified for will be problem and the usability of the data for failing to meet MQOs is addressed in the document (with possible exception of Section 4.1.4, which discusses elevate RLs for some samples owing to dilution rather than the lack of method sensitivity for the routine reporting limits).

The data qualification protocols in USACE EM 200-1-10 are recommended for the evaluation of MQOs for sensitivity (e.g., as the National Functional Guidelines to not adequately address the evaluation of sensitivity).

Response: The data results were evaluated for sensitivity with respect to the approved methods for the project. As stated on page 1-6 of the EM 200-1-10 guideline, "sensitivity is evaluated using detection limits and quantitation limits". In all cases, the detection limit and the RL (MQL) were used in evaluating sensitivity. In some cases, such as with the aforementioned benzo(a)pyrene , the PRG could not be met at the RL, but the sensitivity was met using the detection limit. All data were reported to the detection limit (with the appropriate qualification if the results were less than the RL). In general, the MQOs were met through evaluation of the both the RL and the DL. In the specific case of benzo(a)pyrene, the majority of the DL values were less than the PRG of 62 µg/Kg. The exceptions were for sediment samples where the percent moisture of the samples elevated both the DL and the RL values.

Additionally, the results were evaluated for sensitivity versus the methods and RL and DLs listed in Tables 3-3 through 3-13 in the Plum Brook QAPP (2004).

Comment 11: Appendix J, Section 2.0, page 7: Define the term "Contract Required Quantitation Limit." This term is used for CLP rather than SW-846 test methods. The definitions of detection and quantitation/reporting limits need to be compliant with the Quality Systems Manual (QSM). Non-detects should be reported to the RL as this quantity is defined in the QSM.

Response: The term Contract Required Quantitation Limit is defined on Page 1-2 in the USACE EM 200-1-10 guidance document; however, for clarity in this CDQR document, the following text will be added immediately after "(CRQL).":

".... (CRQL), also known as the reporting limit (RL).

Comment 12: Appendix J, Section 4.1.2.2.1, page 10: The criteria for rejecting non-compliant CCV %Drifts or %Ds and ICV recoveries should be specified.

Response: The Precision and Accuracy Goals for all methods are listed in Table 3-14 of the Plum Brook QAPP. At a minimum, the data is qualified as estimated if results exceed the goals.

Comment 13: Appendix J, Section 4.1.5, page 11: Calculating completeness on the basis of the total number of analytes, test methods and matrices sampled, is typically of little or no value, as this is not the manner in which analytical data support decision-making. In particular,

comparisons of results to fixed decision limits (e.g., risk-based screening limits) would be done on an analyte by analyte basis to support identification contaminants of potential concern (CPOCs) for a risk assessment. For example, Table 5-2 indicates that the Action Level for TCE in water is 0.028 μg/L. However, the reporting limit for TCE is larger than this value by about an order of magnitude. None of the results for the shallow ground water wells reported in Table 5-2 demonstrate TCE is less than this limit. As the data are currently presented, the analytical completeness for this compound with respect to the objective of determining whether TCE is CPOC is 0%.

Response: The completeness summary was used to show analytical completeness only, not used to show completeness as comparison to risk based standards. The summary is meant to be used in a gross sense by pointing out whether the data obtained is usable for use in risk assessment or other statistical analyses, not to compare results on a case-by-case basis to risk generated numbers.

SUBJECT: *Site Characterization Report, Remedial Investigation, Part 1, at Acid Area 1, Former Plum Brook Ordnance Works, Sandusky, Ohio*

Reviewer: Julie Weatherington – Rice, TAPP

1. **2.2.2 AA1 Geology pages 2-2 to 2-3. It is important to note that this section of the report has been updated to include both the 2002 published interim Soil Survey of Erie County and the web-based soil survey information. This means that the most up to date information on the soils and the underlying geology of the site have been incorporated in this summary document. Thank you**

Response: Comment noted.

2. **Section 2.3.1, page 2-4 PBOW description, last sentence. This sentence reads as follows: *"The nearest recorded well is 6115 Schenk Road, approximately 6200 ft northwest of AA1; however, a closer well was observed at 1810 Scheck Road, located approximately 5300 ft northeast of AA1."* Using the most up to date version of Google Earth, I located the two addresses on Scheck Road and measured into the center of the Acid Area 1 location. I found that the house at 1810 Schenk Road is actually approximately 10,250 ft northwest of Acid Area 1 and that the house at 6115 Scheck Road is approximately 7,300 ft west-northwest of Acid Area 1. Please recheck these distances and correct any error that may exist.**

Response: The estimated distances have been revised accordingly

3. **Figure 7-1 . I found this figure confusing. The figure shows shallow ground water elevation contours, a series of soil borings that are non-detect, contaminated, and only one above PRGs. In addition, there are two surface water sampling points down gradient that are both above PRGs. Is this figure trying to represent that the high surface water readings are the result of flushing of chlorinated hydrocarbons out of the soils, through the shallow ground water to the surface water discharge point? If not, is it trying to show two separate pathways? Please consider redrafting this figure, perhaps breaking it up into two figures for ease of understanding.**

Response: This figure is showing the relationship of upgradient soil contamination to downgradient surface water contamination.

4. **Appendix H, Photologs of Rock Cores. This presentation of boring locations and bedrock cores is very helpful and quite attractive.**

Response: Comment noted and appreciated.